



13th Russia/CIS/Baltic/Japan Symposium on Ferroelectricity

International Workshop on Relaxor Ferroelectrics 2016

19-23, June 2016, Matsue , Japan



Welcome Message

You are welcome to Matsue the exciting joint event of 13th Russia/CIS/Baltic/Japan Symposium on Ferroelectricity (RCBJSF) and International Workshop on Relaxor Ferroelectrics 2016 (IWRF).

The joint RCBJSF-IWRF conference consists in scientific presentations and discussions covering a broad range of topics associated with ferroelectricity. The main objectives of this conference are to provide a unique opportunity to discuss latest progresses in different aspects of ferroelectrics and promote this field.

The conference venue is the capital city of Shimane prefecture and is situated on the historical region. You will discover the region's rich culture and history during the conference. We are looking forward to seeing you in Shimane in 2016.

Y. Akishige, A. S. Sigov (RCBJSF), and K. Ohwada (IWRF)



Y. Akishige



A. S. Sigov



K. Ohwada

about RCBJSF & IWRF

Russia/CIS/Baltic/Japan Symposium on Ferroelectricity

The first RCBJSF symposium was held in Novosibirsk in 1976 under the joint efforts of the honorable Nobel Prize winner professor Prokhorov (Russia) and professor Kobayashi (Japan).

Upon the birth of this event, the following bi-annual symposia were continuously held in Kyoto (1980), Novosibirsk (1984), Tsukuba (1988), Moscow (1994), Noda (1998), St Petersburg (2002), Tsukuba (2006), Vilnius (2008), Yokohama (2010), Ekaterinburg (2012), and Liga (2014) symposia, providing numerous dynamic discussion and the first-hand updates on the "hottest" aspects on ferroelectricity.

A multilateral cooperation has then been triggered and established among the Japanese, Russian, CIS and Baltic scientists. In keeping the scientific spirits of the previous symposia, the 13th Russia/CIS/Baltic/Japan Symposium, the 40th anniversary of this conference, acts to enhance the existing platform and create new channels for more vibrating interactions, engagements and collaborations among all participants.

Recent two conferences were in collaboration with other international conferences, i.e. RCBJSF is now open to the world and developing by the year. We look forward to hear your latest research in Matsue.

Yukikuni AKISHIGE & Alexander S. SIGOV
Chairpersons of RCBJSF

International Workshop on Relaxor Ferroelectrics

The IWRF series of meetings can trace its origin into international seminars on relaxor ferroelectrics initiated by Prof. Shuvalov from the Russian Academy of Sciences, which were held in 1996, 1998 and 2000 in Dubna, Russia.

Although the seminar was not continued after 2000, recent positive and useful developments in relaxor ferroelectrics suggest a need for an international forum on relaxor ferroelectrics to facilitate the communication, exchange and collaboration among researchers working in the fields of relaxor ferroelectrics, ferroelectrics and materials science.

Three ad hoc meetings were recently organized in three consecutive years; the International Workshop on Structure–Property Relations in Relaxor Ferroelectrics held in Xi'an, China, 2011; the Workshop on Relaxor Ferroelectrics held in Schloss Edesheim, Germany, 2012; and the International Workshop on Relaxor Ferroelectrics held in St. Petersburg, Russia, 2013.

At the IWRF in St. Petersburg, an international advisory board (IAB) was established, and it was decided to start a regular IWRF conference series with a format of a biennial chain of focused workshops. The newly organized IWRF was first held in Štířín, Czech Republic, 2014, and was attended by 85 participants from 20 countries.

We believe that the IWRF series will continue to be an ideal platform for the community of researchers in the field of relaxor ferroelectrics, ferroelectrics and materials science.

Kenji OHWADA
Chairperson of IWRF

Table of Contents

Scientific Topics of the Symposium

FERROELECTRICS & RELAXORS

- Basic principles
- Inhomogeneous structures (domains, polar nanoregions)
- Progress in theory
- Structure
- Dynamics
- Applications
- Sample preparation techniques (crystals, ceramics, thin films, particles)
- Magnetic, polymeric, & exotic relaxors

SLOW DYNAMICS

- Dielectric, optic, & neutron spectroscopy
- Soft systems (Polymers & liquid crystals)

List of Previous Events

----- every 4 years

1st
1976 Soviet-Japan Symposium on Ferroelectricity
Novosibirsk
Soviet: Aleksandrov/ Japan: Kobayashi

2nd
1980 Japan-Soviet SF
Kyoto
Japan: Kobayashi/ Soviet: Aleksandrov

3rd
1984 Soviet-Japan SF
Novosibirsk
Soviet: Aleksandrov / Japan: Kobayashi

4th
1988 Japan-Soviet SF
Tsukuba
Japan: Kobayashi/ Soviet: Aleksandrov

5th
1994 Russia-Japan SF
Moscow
Russia:Strukov/ Japan:Ishibashi

6th
1998 Japan/Russia/CIS/Baltic SF
Noda
Japan: Ishibashi/ Russia:Strukov

7th
2002 Russia/CIS/Baltic/Japan SF
St. Petersburg
Russia: Lemanov / Japan: Uesu

8th
2006 Russia/CIS/Baltic/Japan SF
Tsukuba
Russia: Lemanov/ Japan: Kojima

----- every 2 years

9th
2008 Russia/CIS/Baltic/Japan SF
Vilnius
Lithuania: Banys / Japan: Onodera

10th
2010 Russia/CIS/Baltic/Japan SF
Yokohama
Russia: Sigov / Japan: Itoh

11th
2012 Russia/CIS/Baltic/Japan SF, Joint with "Int. Symp.
Ferro. Domain"
Yekaterinburg
Russia: Shur / Japan: Mashiyama

12th
2014 Russia/CIS/Baltic/Japan SF, Joint with "Func.
Matter & Nano. Tech."
Riga
Russia: Sternberg / Japan: Akishige

Committees

Joint RCBJSF-IWRF Conferences Organizing Committees

HONARARY CHAIRPERSONS from RCBJSF

B.A. Strukov (Russia)
J. Grigas (Lithuania)
J. Kobayashi (Japan)
Y. Ishibashi (Japan)

ADVISORY BOARD from RCBJSF

V. Shur (Russia)
J. Banys (Lithuania)
A. Sternberg (Latvia)
M. Itoh, S. Kojima, Y. Uesu (Japan)

INTERNATIONAL ADVISORY BOARD from IWRF

J. Dec (Poland)
T. Egami (US)
P.M. Gehring (US)
J. Hlinka (Czech)
W. Kleemann (Germany)
K. Ohwada (Japan)
J. Petzelt (Czech)
Y. Uesu (Japan)
S.B. Vakhrushev (Russia)
Z.-G. Ye (Canada)

CHAIRPERSONS

A.S. Sigov (Russia)
Y. Akishige (Japan)
K. Ohwada (Japan)

MEMBERS

I.N. Flerov, V.P. Sakhnenko, B.A. Strukov, A.N. Vtyurin (Russia)
M.D. Glinchuk, Yu.M. Vysochanskii (Ukraine)
J. Banys (Lithuania)
A. Sternberg (Latvia)
N. Ikeda, Y. Kuroiwa, Y. Noguchi, A. Koreeda, H. Kimura, H. Funakubo, S. Mori, M. Iwata, H. Nagata (Japan)

Joint RCBJSF-IWRF Conferences Program Committees

CHAIRPERSONS

S. Vakhrushev (Russia)
N. Ikeda (Japan)

MEMBERS

T.R. Volk, E.D. Mishina, I.P. Rayevsky, R.F. Mamin, S.G. Lushnikov, V.P. Afanasyev (Russia)
A. Mamedov (Turkey & Azerbaijan)
R. Sardarly (Azerbaijan)
R. Vlokh (Ukraine)
E. Birks (Latvia)
R. Grigalaitis (Lithuania)
J. Kano, Y. Yoneda, M. Matsuura, Y. Fujii, Y. Noguchi, T. Teranishi, H. Moriwake, M. Iwata, H. Yokota, T. Nagata, S. Wakimoto (Japan)

Local Committees

CHAIRPERSON

Y. Kuroiwa (Japan)

MEMBERS

C. Moriyoshi, E. Magome, N. Nakajima, H. Taniguchi, T. Mori, H. Miyazaki, H. Mizuno, H. Tanaka, F. Shikanai, S. Tsukada (Japan)

Thank you all for coming and we wish you the most successful and enjoyable event!

Sponsors



The Murata Science Foundation



島根県

Shimane Prefectural Government

Shimane Prefectural Government



Electric Technology Research
Foundation of Chugoku



Taylor & Francis

Taylor & Francis Group

Taylor & Francis



Matsue City



Shimane University

Endorsements



The Physical Society of Japan



Quantum Beam Science Research Directorate,
National Institutes for Quantum and
Radiological Science and Technology



The Ceramic Society of Japan



The Japanese Society for Synchrotron
Radiation Research

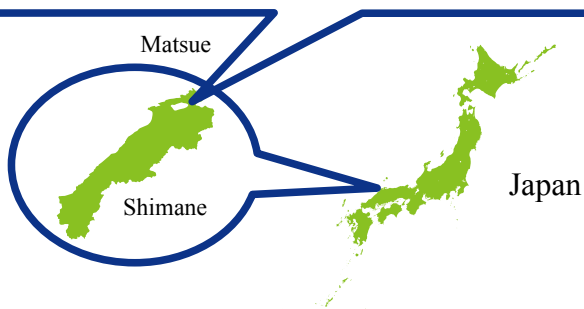
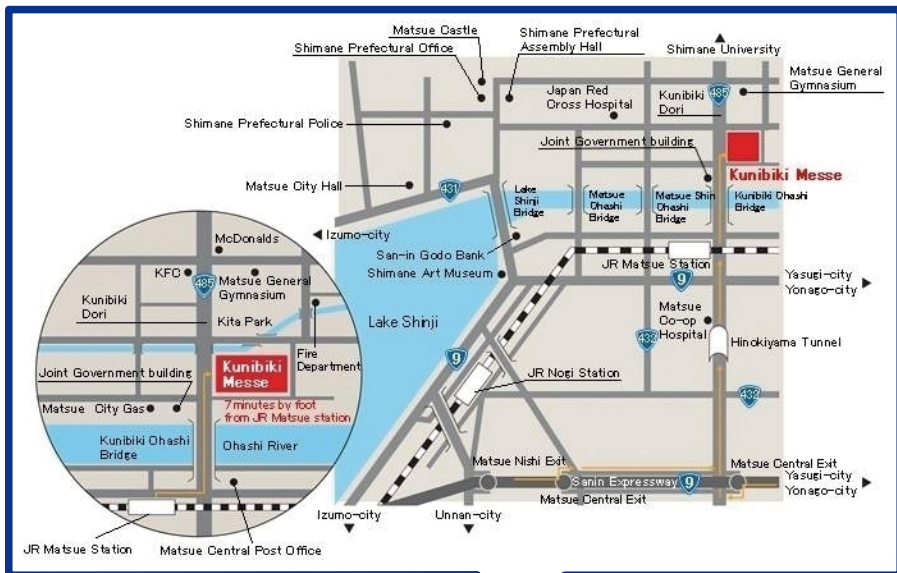


The Crystallographic Society of Japan

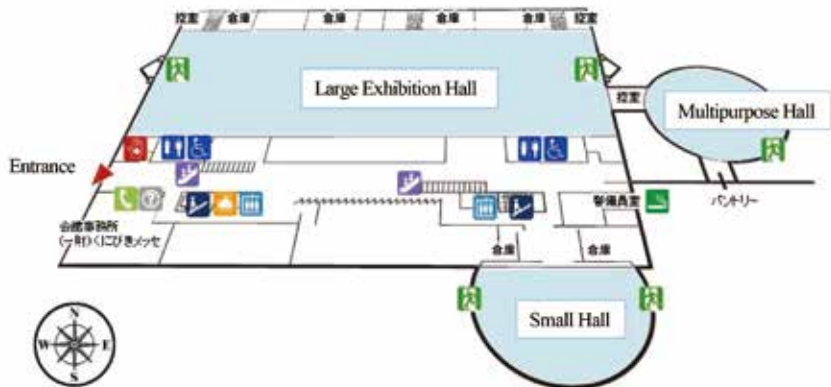


The Japanese Society for
Neutron Science

Venue: Shimane Prefectural Convention Center “Kunibiki Messe”



Joint RCBJSF-IWRF Conference 2016 Site



Oral session

Place: "A-Multipurpose Hall" and "B- B-Small Hall" on the first floor.

Time: Plenary talk:
60 min. (presentation: 50min./ discussion: 10 min.)

Invited talk:
30 min. (presentation: 25 min./ discussion 5 min.)
Alarm is set for 15, 20 and 30 min.

Contributed talk:
15 min. (presentation: 10 min./ discussion 5 min.)
Alarm is set for 7, 10 and 15 min.

Note: For oral presentations, one windows laptop, a laser pointer, an D-sub15 cable, and a microphone, are installed in each conference room. It is recommended to prepare your own presentation using PowerPoint, and move your file into the laptop by using a usb memory.

Speakers' laptops are also available. In this case, check the connection to a digital projector before the session starts.

Poster

Place: "Exhibition Hall" on the first floor.

Time: 90 min.
18:15-19:45 on 20 June (Mon.)
18:00-19:30 on 21 June (Tue.)

Note: The maximum size of one poster is A0. The title, a list of authors and affiliations should be posted on the top of the poster. Presenters should stay in front of their posters during the session to discuss their paper.

Presenters post their posters in the morning of 20th (Mon.).

Program

June 20 (Mon.)				June 21 (Tue.)				June 22 (Wed.)				June 23 (Thu.)			
A		B		A		B		A		B		A		B	
9:00	Opening			9:00	RAPPE	9:00	GEHRING	9:00		9:00		9:00	LUSHNIKOV	KLEEMANN	
9:20	ISHIBASHI			9:15		9:15		9:15							
9:40	KIMURA			9:30		9:30		9:30							
				9:45		9:45		9:45							
10:40	Break 1			10:00	Break 4		10:00	Break 7		10:00	Break 8				
				10:15		10:15				10:15					
11:00	ISHIHARA	BURTON		10:30	BARON	BANYAS		10:30	KOJIMA	STERNBERG		10:30	Pugachev	Talanov	
11:15				10:45		Krylov		10:45	Shvartsman	Jaimeewong		10:45	Fontana	Nakajima	
11:30	Noda	Nishimatsu		11:00	SHIBATA	Khannanov		11:00	Buixaderas	Sidorkin		10:45	Hoshina	Ilyin	
11:45	Ivanov	Yoneda		11:15				11:15	Bosak	Mathrmool		11:00			
12:00				11:30	TSUDA	SATOH		11:30	BUSSMANN-	Fortanova		11:30	TSUKADA	IWATA	
12:15	KIMURA	HLINKA		11:45				11:45	HOLDER	Wada		11:45			
12:30				12:00	STOCK	Laguta		12:00	Mashiama			12:00			
12:45				12:15		Darinskii		12:15				12:15			
13:00	Lunch 1			12:30	Lunch 2			12:30	Lunch 3			12:30	Closing		
12:45				12:45											
13:00				13:00											
13:15				13:15											
13:30				13:30				13:30							
13:45															
14:00	NOGUCHI	KIAT		13:45				13:45							
14:15				14:00	SIGOV	TAGANTSEV		14:00							
14:30	Kim	MORYOSHI		14:15				14:15							
14:45	Nagai			14:30	Mimura	Tomita		14:30							
15:00	FLEROV	PANDEY		14:45	Malyshekina	SHUR		14:45							
15:15				15:00	OSADA			15:00							
15:30	Maiwa	Krayzman		15:15		Chezmanov		15:15							
15:45	Yokota	Anspoks		15:30	Sherstyuk	Uesu		15:30							
16:00	Break 2			15:45				15:45							
16:15				16:00	Break 5			16:00							
16:30	TERANISHI	MATSUURA		16:15	YE	MISHINA		16:15							
16:45				16:30				16:30							
17:00	Mamedov	BURKOVSKY		16:45	Kania	Ogawa		16:45							
17:15	Fujiwara			17:00	Politova	Vtyurin		17:00							
17:30	Haumort	Andronikova		17:15	Vatulyan	Fujii		17:15							
17:45	Break 3			17:30	Break 6			17:30							
18:00				17:45				17:45							
18:15	Poster Presentations 1			18:00	Poster Presentations 2			18:00							
19:45				19:30											

Session Titles & Chair Persons

June 20 (Mon.)				June 21 (Tue.)				June 22 (Wed.)				June 23 (Thu.)						
	A	B		A	B			A	B			A	B					
9:00	Opening KUROIWA			9:00	Plenary 2 MORIWAKE			9:00	Plenary 3 MATSUURA			9:00	Vibrational Spectroscopy STOCK	Inhomogeneous structures & Phosphorous Chalcogenides HLINKA				
9:20	Plenary 1 BANY'S		9:15	9:15														
9:40			9:30	9:30														
			9:45	9:45														
10:40	Break 1			10:00	Break 4			10:00	Break 7			10:00	Break 8					
				10:15				10:15				10:15						
11:00	Multiferroic, Organic Ferroelectrics BANY'S	Inhomogeneous structures GEHRING		10:30	Inhomogeneous structures- Probing techniques VAKHRUSHEV	Multiferroic T. KIMURA		10:30	Inhomogeneous structures BOKOV	Sample preparation & techniques YE		10:30	Plenary 4 OHWADA	Closing IKEDA				
11:15				10:45				10:45				10:45						
11:30				11:00				11:00				11:00						
11:45				11:15				11:15				11:15						
12:00				11:30				11:30				11:30						
12:15				11:45				11:45				11:45						
12:30				12:00				12:00				12:00						
12:45				12:15				12:15				12:15						
13:00	Lunch 1			12:30				12:30				12:30						
13:15				12:45				12:45				12:45						
13:30				13:00				13:00										
13:45				13:15				13:15										
14:00				13:30				13:30										
14:15	Ferroelectrics for energy Application UESU	Structure and dynamics YONEDA		13:45														
14:30				14:00														
14:45				14:15														
15:00				14:30														
15:15				14:45														
15:30				15:00		Domains TSUDA		15:00										
15:45				15:15					15:15									
16:00				15:30					15:30									
16:15	Break 2			15:45				15:45										
16:30	Ferroelectrics for energy Application FLEROV	Inhomogeneous structures H. KIMURA		16:00				16:00										
16:45				16:15														
17:00				16:30														
17:15				16:45														
17:30				17:00		17:15				17:00								
17:45	Break 3			17:30				17:30										
18:00				17:45				17:45										
18:15				18:00														
	Poster Presentations 1				Poster Presentations 2				NAGATA									
19:45				19:30														

Program of RCBJSF-IWRF 2016 in Matsue

20-Jun Morning Session

A-Multipurpose Hall 9:00-10:40

Opening

9:20-9:40

Special Talk

Yoshihiro ISHIBASHI

School of Engineering, Nagoya University, Japan

Memories of the first Soviet-Japan Symposium on Ferroelectricity in 1976

9:40-10:40

Plenary1

Tsuyoshi KIMURA¹, Hiroki UEDA¹, Kohei HARUKI¹,

Koji OKUMURA¹, Takuya AOYAMA¹, Yusuke

WAKABAYASHI¹, Katsuya SHIMIZU¹, and Sakyo

HIROSE², Yoshikaz TANAKA³

¹Graduate School of Engineering Science, Osaka

University, Japan, ²Murata Manufacturing Co., Ltd.,

Japan, ³RIKEN SPring-8 Center, Japan

Recent developments of the study on ferroelectricity coupled with magnetism

20 min. Break 

A-Multipurpose Hall 11:00-12:30

Multiferroic, Organic Ferroelectrics

11:00-11:30

Invite1

Sumio ISHIIHARA and Makoto NAKA

Department of Physics, Tohoku University, Japan

Dielectric and Magnetoelectric Effects in Organic Molecular Solid

11:30-11:45

Oral1

Yukio NODA, Itaru TAMURA, Tadao HAYASHIDE, Ryoji KIYANAGI, Tomoyuki MOCHIDA, and Tadashi SUGAWARA

Institute of Multidisciplinary Research for Advanced Materials, Tohoku University, Japan

Tunneling mode in antiferroelectric BrHPLN – on 80 years anniversary of KDP –

11:45-12:00

Oral2

Jaroslavas BELOVICKIS¹, Maksim IVANOV¹, Šarūnas SVIRSKAS¹, Juras BANYŠ¹, Maxim SILIBIN², A. V. SOLNYSHKIN^{2,3}, and Vladimir V. SHVARTSMAN⁴

¹Faculty of Physics, Vilnius University, Lithuania,

²National Research University of Electronic Technology,

Russia, ³Tver State University, Russia, ⁴Institute for

Materials Science and Center for Nanointegration

Duisburg-Essen, University of Duisburg-Essen

(CENIDE), Germany

Dielectric and Ferroelectric Investigation of P(VDF-TrFE)-based Composites

B-Small Hall 11:00-12:30

Inhomogeneous Structures

11:00-11:30

Invite3

Benjamin BURTON, Gunay DOGAN, Dan GOPMAN, and Eric COCKAYNE

National Institute of Standards and Technology, USA

First Principles Based Simulations of Relaxor Ferroelectrics: Domain Dynamics

11:30-11:45

Oral3

Takeshi NISHIMATSU¹, Umesh V. WAGHMARE², and Momoji KUBO¹

¹Institute for Materials Research (IMR), Tohoku

University, Japan, ²Theoretical Sciences Unit, Jawaharlal

Nehru Centre for Advanced Scientific Research

(JNCASR), India

Molecular dynamics simulations of relaxor ferroelectrics with randomness

11:45-12:00

Oral4

Yasuhiro YONEDA¹, Hiroki TANIGUCHI², Desheng FU³, and Hajime NAGATA⁴

¹Japan Atomic Energy Agency (JAEA), Japan,

²Department of Physics, Nagoya University, Japan,

³Department of Electronics and Materials Science,

Shizuoka University, Japan, ⁴Department of Electrical

Engineering, Tokyo University of Science, Japan

Local Structure Analysis of Relaxor Pb(Mg_{1/3}Nb_{2/3})O₃

12 : 00-12 : 30

Invite2

Hiroyuki KIMURA

Institute of Multidisciplinary Research for Advanced Materials, Tohoku University, Japan

Microscopic magnetism and ferroelectricity in Multiferroic RMn_2O_5 ($\text{R} = \text{Bi}, \text{Y}$, rare-earth) studied by a complementary use of neutron and X-ray scattering

12 : 00-12 : 30

Invite4

Jiri HLINKA

Institute of Physics, Czech Academy of Sciences, Czech Republic

Nanometer-range B-site order in PMN

20-Jun Afternoon Session

A-Multipurpose Hall 14:00-17:30

Ferroelectrics for energy Application

14:00-14:30

Invite5

Yuji NOGUCHI¹, Ryotaro INOUE², Yuuki KITANAKA¹, and Masaru MIYAYAMA¹

¹Dept. of Applied Chemistry, School of Engineering, The University of Tokyo, Japan, ²Division of Physics, Institute of Liberal Education, School of medicine, Nihon University, Japan

Giant Photovoltaic Effect of Ferroelectric Domain Walls in Perovskite Single Crystals

14:30-14:45

Oral5

Juyoung KIM¹, Yoonho KIM¹, Satoru YAMANAKA¹, Akira NAKAJIMA¹, Hirohisa TANAKA¹, Takanori KATOU¹, Tatsuo FUKUDA², Kenji YOSHII², Yasuo NISHIHATA², Masaaki BABA³, Masatoshi TAKEDA³, Noboru YAMADA³, Tadachika NAKAYAMA³, and Koichi NIIHARA³

¹Frontier Technology Dep., R & D Division, Daihatsu Motor Co., LTD., Japan, ²Japan Atomic Energy Agency(JAEA/SPRING-8), Japan, ³Nagaoka University of Technology, Japan

Pyroelectric Power Generation with ferroelectrics (1-x)PMN-xPT

14:45-15:00

Oral6

Takayuki NAGAI¹, Kenji TANABE¹, Ichiro TERASAKI¹, and Hiroki TANIGUCHI^{1,2}

¹Department of Physics, Nagoya University, Japan,

²Materials Research Center for Elemental Strategy, Tokyo Institute of Technology, Japan

Photo-dielectric effect in Zn:LaAlO_3

15:00-15:30

Invite6

Igor N. FLEROV, Mikhail V. GOREV, Ekaterina A. MIKHALEVA, Andrey V. KARTASHEV, and Vitaliy BONDAREV

Kirensky Institute of Physics, Russia

Caloric Effects in Some Ferroelectric and Ferroelastic Fluorides, Oxyfluorides and Oxides

15:30-15:45

Oral7

Hiroshi MAIWA

Shonan Institute of Technology, Japan

B-Small Hall 14:00-17:30

Structure and Dynamics

14:00-14:30

Invite8

Jean-Michel KIAT^{1,2}, Mickael ANOUPA¹, Christine BOGICEVIC¹, and Bernard HEHLEN³

¹Ecole CentraleSupélec CNRS, France, ²Lab Leon Brillouin CEA Saclay, France, ³Universite Montpellier, France

Structural properties induced in nanocomposites and core-shell ferroelectric ceramics

14:30-15:00

Invite9

Chikako MORIYOSHI

Department of Physical Science, Graduate School of Science, Hiroshima University, Japan

Crystal Structure Analysis of Piezoelectric Materials under Electric Field: Time-resolved Single Crystal X-ray Diffraction Study

15:00-15:30

Invite10

Dhananjai PANDEY

School of Materials Science and Technology, Indian Institute of Technology, (Banaras Hindu University), India

Spin Glass and Relaxor Ferroelectric Transitions in BiFeO_3 and its Solid Solutions

15:30-15:45

Oral12

Victor KRAYZMAN and Igor LEVIN

Materials Measurement Science Division, National Institute of Standards and Technology, USA

Reentrant Dipole Glass $0.6\text{BaTiO}_3\text{-}0.4\text{BiScO}_3$: Local Atomic Structure Revealed by Reverse Monte Carlo and Its Relation to Dielectric Properties

15:45-16:00

Oral13

Andris ANSPOKS¹, Annette BUSSMANN-HOLDER², Mitsuru ITOH³, Carlo MARINI⁴, Takafumi MIYANAGA⁵, Juris PURANS¹, Janis TIMOSHENKO¹, and Francesco ROCCA⁶

¹Institute of Solid State Physics, University of Latvia, Latvia, ²Max Planck Institute for Solid State Research, Germany, ³Tokyo Institute of Technology, Japan, ⁴ALBA Synchrotron, Spain, ⁵Hirosaki University, Japan, ⁶IFN-

Electrocaloric Properties of K(Ta,Nb)O₃ Crystals and BaTiO₃-based Ceramics

15:45-16:00

Oral8

Hiroko YOKOTA, Tomoya NOZUE, and Shunsuke JITSUKAWA

Department of Physics, Chiba University, Japan

Element-specific investigations on multiferroic hexagonal ErFeO₃ thin film

CNR, Institute for Photonics and Nanotechnologies, Italy
Local structure of SrTiO₃ and EuTiO₃ studied by X-ray absorption spectroscopy

30 min. Break ☕

Ferroelectrics for energy Application

16:30-17:00

Invite7

Takashi TERANISHI, Yumi YOSHIKAWA, Hidetaka HAYASHI, and Akira KISHIMOTO

Graduate School of Natural Science and Technology, Okayama University, Japan

Lithium Ion Batteries with Polarization Assisted Ultrahigh Rate Capability

17:00-17:15

Oral9

Selami PALAZ, Oral OLTULU, Amirullah M. MAMEDOV, and Ekmel OZBAY

A³B⁶C⁷ Ferroelectrics as Novel Materials for Phononic Crystals

17:15-17:30

Oral10

Kosuke FUJIWARA¹, Tomoyuki KARASUDANI², Mamoru FUKUNAGA¹, Hiroyuki KOBAYASHI¹, Norihiro OSHIME¹, Jun KANO^{1,3}, Takaya MITSUI⁴, Pierre-Eymeric JANOLIN⁵, Jean-Michel KIAT⁵, and Naoshi IKEDA¹

¹Graduate School of Natural Science and Technology, Okayama University, Japan, ²Department of Physics, Faculty of Science, Okayama University, Japan, ³Japan Science and Technology Agency, PRESTO, Japan, ⁴Japan Atomic Energy Agency, Japan, ⁵SPMS lab, UMR CNRS-CentraleSupélec, FRANCE

Dielectric properties and charge order of YbFe₂O₄ with controlled iron vacancy

17:30-17:45

Oral11

Raphaël HAUMONT^{1,2}, P. HICHER¹, R. SAINT-MARTIN¹, X. MININGER³, and P. BERTHET¹

¹Equipe Synthèse, Propriétés et Modélisation des Matériaux, ICMO, CNRS-UMR8182, Université Paris Sud, France,

²Laboratoire Structures, Propriétés et Modélisation des Solides, CNRS-UMR8580, Ecole Centrale Paris, France,

³Laboratoire de Génie Electrique de Paris, SUPELEC, CNRS-UMR 8507; Université Paris Sud, France

Crystal growth under high electric field: a new tool for new materials design

30 min. Break ☕

Inhomogeneous Structures

16:30-17:00

Invite11

Masato MATSUURA¹, Tae-Hwan KIM², and Young-Soo HAN²

¹Comprehensive Research Organization for Science and Society, Research Center for Neutron Science and Technology (CROSS), Japan, ²Small Angle Neutron Beam Line, Hanaro Reactor, Korea Atomic Research Institute, Korea

Temperature and composition dependence of the neutron small angle scattering in the relaxor (1-x) Pb(Mg_{1/3}Nb_{2/3})O₃-xPbTiO₃ (x= 0.30 and 0.37)

17:00-17:30

Invite12

Roman G. BURKOVSKY

Peter the Great St. Petersburg Polytechnic University, Russia

Formation of incommensurate phases in lead-based antiferroelectric perovskites at high pressure

17:30-17:45

Oral14

Daria ANDRONIKOVA^{1,2}, Yurii BRONWALD^{1,2}, Roman BURKOVSKY², Nikolai LEONTIEV³, Igor LEONTIEV⁴, Alexei BOSAK⁵, Alfred Q. R. BARON⁶, Alexei FILIMONOV², and Sergey VAKHRUSHEV^{1,2}

¹Ioffe Institute, Russia, ²Peter the Great St.Petersburg Polytechnic University, Russia, ³Azov-Black Sea Engineering Institute, Russia, ⁴Southern Federal University, Russia, ⁵European Synchrotron Radiation Facility (ESRF), France, ⁶RIKEN Spring-8 Center, Japan
Lattice Dynamics in The Lead-Zirconate Titanate with 0.7% of Ti Studied by Inelastic Scattering of Synchrotron Radiation

20-Jun POSTER SESSION 1

Exhibition Hall 18:00-19:30

- P-1. Jan SUCHANICZ¹, Dorota SITKO², Ewa NOGAS-ĆWIKIEL³, Bartosz HANDKE⁴, Piotr JELEN⁴, Piotr KLIMCZYK⁵, and Halina CZTERNASTEK²
¹Institute of Technology, Pedagogical University, Poland, ²Institute of Physics, Pedagogical University, Poland, ³Faculty of Computer Science and Materials Science, University of Silesia, Poland, Faculty of Materials Science and Ceramics, AGH-University of Science & Technology, Poland, ⁵Institute of Advanced Manufacturing Technology, Poland
Raman, Dielectric and Ferroelectric Properties of 0.975BaTiO₃-0.025Pb(Zn_{1/3}Nb_{2/3})O₃ Ceramic
- P-2. Maria B. ZAPART¹, Włodzimierz ZAPART¹, Radosław KOWALCZYK¹, and Mirosław MACZKA²
¹Institute of Physics, Technical University of Częstochowa, Poland, Institute of Low Temperature and Structure Research, Polish Academy of Sciences, Poland
Domain Structure and Birefringence in KSc(WO₄)₂
- P-3. Narumon LERTCUMFU¹, Kamonpan PENG-PAT^{1,2}, Sukum EITSSAYEAM^{1,2}, Tawee TUNKASIRI^{1,2}, and Gobwute RUJINAKUL^{1,2}
¹Department of Physics and Materials science, Faculty of Science, Chiang Mai University, Thailand, ²Materials Science Research Center, Faculty of Science, Chiang Mai University, Thailand
Electrical Properties of Sodium Potassium Niobate /Mullite Ceramic Composites
- P-4. Norihiro OSHIME¹, Jun KANO^{1,2}, Naoshi IKEDA¹, Koji OSAKI¹, Takashi TERANISHI¹, Tasuku YOSHIDA¹, Tatsuo FUJII¹, Takeji UEDA¹, and Tomoko OHKUBO¹
¹Graduate School of Natural Science and Technology, Okayama University, Japan, ²Japan Science and Technology Agency, PRESTO, Japan
Defect and Substitution Effect on the Band Structure of BaTiO₃ Particles
- P-5. Yulian VYSOCHANSKII¹, Ruslan YEVYCH¹, Vasyi HABORETS¹, Mykola MEDULYCH¹, Alexandr MOLNAR¹, Anton KOHUTYCH¹, Andrius DZIAUGYS², and Juras BANYŠ²
¹Uzhgorod National University, Ukraine, ²Vilnius University, Lithuania
Electronic Correlations And Ferroelectricity In Phosphorous Chalcogenides
- P-6. Vasyi SHVALYA^{1,2}, Alberto OLEAGA¹, Agustin SALAZAR¹, Anton A. KOHUTYCH², and Yulian M. VYSOCHANSKII²
¹Departamento de Física Aplicada I, Escuela Técnica Superior de Ingeniería, Universidad del País Vasco, Spain, ²Institute for Solid State Physics and Chemistry, Uzhgorod University, Ukraine
Thermal Characterization and Critical Behavior Study of (PbxSn_{1-x})₂P₂Se₆
- P-7. Vasyi SHVALYA^{1,2}, Alberto OLEAGA¹, Agustin SALAZAR¹, Anton A. KOHUTYCH², and Yulian M. VYSOCHANSKII²
¹Departamento de Física Aplicada I, Escuela Técnica Superior de Ingeniería, Universidad del País Vasco, Spain, ²Institute for Solid State Physics and Chemistry, Uzhgorod University, Ukraine
Doping Effects on the Thermal Properties of Sn₂P₂Se₆ Ferroelectrics
- P-8. Victor SOPRUNYUK¹, Marius REINECKER¹, Włodzimierz ZAPART², Maria B. ZAPART², and Wilfried SCHRANZ¹
¹University of Vienna, Faculty of Physics, Austria, ²Institute of Physics, Technical University of Częstochowa, Poland
Low-Frequency Elastic Properties of KSc(MoO₄)₂
- P-9. Alexander ESIN^{1,2}, Andrei AKHMATKHANOV^{1,2}, Vladimir SHUR^{1,2}, and Ivan BATURIN^{1,2}
¹Ural Federal University, Russia, ²Labfer Ltd. Russia
The Giant Conduction Current along the Charged Domain Walls during Polarization Reversal in Lithium Niobate
- P-10. Alexander SIGOV, Yuriy PODGORNYY, Konstantin VOROTILOV, and Pavel LAVROV
 Moscow Technological University (MIREA), Russia
Leakage Currents in Porous PZT Films
- P-11. Hoai T. NGUYEN, Alexandr S. SIDORKIN, Svetlana D. MILOVIDOVA, and Olga V. ROGAZ-INSKAYA
 Voronezh State University, Universitysq., Russia
Electrophysical Properties of Matrix Composites Nanocrystalline Cellulose - Triglycine Sulfate

- P-12. Alexandra IVANOVA¹, Olga MALYSHKINA¹, Maksim SHASHKOV¹, and Jan DEC²
¹Tver State University, Russia, ²University of Silesia, Institute of Materials Science, Poland
Effect of Ca, Sr and Ba distribution on the relaxor properties of CSBN single crystals
- P-13. Andrei AKHMATKHANOV¹, Ekaterina VASKINA¹, Elena PELEGOVA¹, Maria CHUVAKOVA¹, Maxim BUNTOV¹, Vladimir SHUR¹, and Oksana KIZKO²
¹Institute of Natural Sciences, Ural Federal University, Russia, ²Crystals of Siberia Ltd., Russia
Domain Structure Evolution in KTP Crystals
- P-14. Andrius DZIAUGYS¹, Marius CHYASNAVICHYUS², Feng YE³, Bryan CHAKOUMAKOS³, Juras BANYŠ¹, Yulian VYSOCHANSKI⁴, and Petro MAKSYMOWYCH²
¹Faculty of Physics, Vilnius University, Lithuania, ²The Institute for Functional Imaging of Materials and the Center for Nanophase Materials Sciences, Oak Ridge National Laboratory, United States, ³Neutron Scattering Science Division, Oak Ridge National Laboratory, USA, ⁴Institute of Solid State Physics and Chemistry, Uzhgorod University, Ukraine
Ferroelectric ordering and domain structure in CuInP₂Se₆ layered crystal
- P-15. Anton TURYGIN, Denis ALIKIN, Yuri ALIKIN, and Vladimir SHUR
Institute of Natural Sciences, Ural Federal University, Russia
Switching by the Grounded Tip and Local Charge Injection on the Non-polar Cuts of Lithium Niobate Crystal
- P-16. Anton TURYGIN¹, Denis ALIKIN¹, Dmitriy ZAYATS¹, Jitka HREŠČAK², Julian WALKER³, Andrea BENCAN², Barbara MALIC², Vladimir SHUR¹, and Andrei KHOLKIN^{1,4}
¹Institute of Natural Sciences, Ural Federal University, Russia, ²Electronic Ceramics Department, Jožef Stefan Institute, Slovenia, ³Materials Research Institute, Pennsylvania State University, United States, ⁴Physics Department & CICECO – Materials Institute of Aveiro, Portugal
Analysis of Domain Structure and Local Polarization Reversal Properties of Sr-doped K_{0.5}Na_{0.5}NbO₃ Lead-free Piezoelectric Ceramics
- P-17. Dmitry CHEZGANOV^{1,2}, Lubov GIMADEEVA¹, Evgenii VLASOV¹, Vsevolod KVASHNIN¹, Elizaveta KOLCHINA¹, Maxim NERADOVSKIY^{1,3}, Andrei AKHMATKHANOV^{1,2}, Maria CHUVAKOVA¹, Denis ALIKIN¹, Herve TRONCHE³, Florent DOUTRE³, Pascal BALDI¹, Marc De MICHELI³, and Vladimir Ya. SHUR^{1,2}
¹Institute of Natural Sciences, Ural Federal University, Russia, ²Labfer Ltd., Russia, ³Laboratoire de Physique de la Matière Condensée UMR, University of Nice Sophia Antipolis, France
Investigation of Second Harmonic Generation Process of SPE Waveguides on Periodical Domains Written by Electron Beam in Lithium Niobate Single Crystals
- P-18. Ekaterina A. MIKHALEVA¹, Igor N. FLEROV¹, Andrey V. KARTASHEV¹, Mikhail V. GOREV¹, Evgeniy V. BOGDANOV¹, Vitaly S. BONDAREV¹, Leonid N. KOROTKOV², I.I. DOTSENKO², and Ewa RYSIAKIEWICZ-PASEK³
¹Kirensky Institute of Physics, Siberian Department of RAS, Russia, ²Voronezh State Technical University, Russia, ³Institute of Physics, Wrocław University of Technology, Poland
Effect of a restricted geometry on thermal and dielectric properties of NH₄HSO₄ ferroelectric
- P-19. Ghulam SHABBIR
PINSTECH, Pakistan
Field-induced ac-response of (111), (110) and (001) plane 0.67Pb(Mg_{1/3}Nb_{2/3})O₃-0.33PbTiO₃ crystals
- P-20. Md Al HELAL and Seiji KOJIMA
Graduate School of Pure and Applied Sciences, University of Tsukuba, Japan
Brillouin Scattering and Elastic Constants of Relaxor Ferroelectric 0.44Pb(Mg_{1/3}Nb_{2/3})O₃-0.56PbTiO₃ Single Crystals
- P-21. Hiroyuki TANIGUCHI^{1,2}, Chikako MORIYOSHI³, Yoshihiro KUROIWA³, Akihiko KUWABARA⁴, Masaichiro MIZUMAKI⁵, Kiyofumi NITTA⁵, and Ichiro TERASAKI¹
¹Department of Physics, Nagoya University, Japan, ²Materials Research Center for Elemental Strategy, Tokyo Institute of Technology, Japan, ³Department of Physical Science, Hiroshima University, Japan, ⁴Nanostructures Research Laboratory, Japan Fine Ceramics Center, Japan, ⁵Japan Synchrotron Radiation Research Institute, SPring-8, Japan
Effects of Heterovalent Pb-Substitution on Ferroelectric Bismuth Silicate Bi₂SiO₅
- P-22. Maria CHUVAKOVA, Andrei AKHMATKHANOV, Ekaterina VASKINA, Ivan BATURIN, and Vladimir SHUR
Institute of Natural Sciences, Ural Federal University, Russia
Polarization Reversal Process in Single Crystals of Lithium Tantalate with Intermediate Composition

- P-23. Maxim NERADOVSKIY^{1,2}, Dmitri KUZNETSOV¹, Lubov GIMADEEVA¹, Denis ALIKIN¹, Vladimir Ya. SHUR^{1,2}, Herve TRONCHE², Pascal BALDI², and Marc P. De MICHEL²
¹Institute of Natural Sciences, Ural Federal University, Russia, ²Laboratoire de Physique de la Matière Condensée, University of Nice-Sophia Antipolis, France
Nanodomains Formation during the Fabrication of Waveguides by Different PE Methods
- P-24. Md AFTABUZZAMAN, and Seiji KOJIMA
 Graduate School of Pure and Applied Sciences, University of Tsukuba, Japan
Memory Effects of Relaxor Ferroelectric 0.70Pb(Mg_{1/3}Nb_{2/3})O₃-0.30PbTiO₃ Single Crystals Studied by Dielectric Spectroscopy
- P-25. Pavel ZELENOSKIY, Daria VASILEVA, Semen VASILEV, Alla NURAEVA, Vladimir Ya. SHUR, and Andrei L. KHOLKIN
 Institute of Natural Sciences, Ural Federal University, Russia
Neutral and Charged Domain Walls in Organic Ferroelectric β -Glycine Microcrystals
- P-26. Victoria PRYAKHINA, Denis ALIKIN, Ilya PALITSIN, Stanislav NEGASHEV, and Vladimir SHUR
 Institute of Natural Sciences, Ural Federal University, Russia
Polarization Reversal in the Interior of LiNbO₃ and LiTaO₃ Crystals with Modified Conductivity
- P-27. Sergey Vasil'evich PAVLOV
 Moscow State University, Russia
Classification of phenomenological models of phase transitions using the equivariant catastrophe theory (two-component order parameter)
- P-28. Yuuki KITANAKA, Yuji NOGUCHI, and Masaru MIYAYAMA
 The University of Tokyo, Japan
Theoretical Calculations of Structural Coupling between Polarization and Octahedral Tilting in (Bi_{1/2}Na_{1/2})TiO₃-Based Ferrielectrics
- P-29. Ekaterina BARABANOVA, Olga V. MALYSHKINA, and Galina M. AKBAEVA
 Tver State University, Russia
Structural features of ceramics based on PZT
- P-30. Hirofumi TSUKASAKI¹, Eri TANAKA¹, Kosuke KURUSHIMA², Shogo KAWAGUCHI³, Yui ISHII¹, and Shigeo MORI¹
¹Department of Materials Science, Osaka Prefecture University, Japan, ²Toray Research Center, Japan, ³Japan Synchrotron Radiation Research Institute, Japan
Microstructures in the ferroelectric phase of SrAl₂O₄
- P-31. Hirotake SHIGEMATSU¹, Shinya KANEYASU¹, Atsuko UCHIDA², Hitoshi KAWAJI², Hironobu KASANO³, and Hiroyuki MASHIYAMA⁴
¹Faculty of Education, Yamaguchi University, Japan, ²Materials and Structures Laboratory, Tokyo Institute of Technology, Japan, ³Department of Physics, Faculty of Science, Yamaguchi University, Japan, ⁴Yamaguchi University, Japan
Heat Capacity, X-Ray Scattering and Neutron Scattering Studies in Rb₂MoO₄ and Successive Phase Transition in A₂BO₄-type Crystals
- P-32. Iurii A. BRONWALD, Daria ANDRONIKOVA, Roman G. BURKOVSKY, Dmitry CHERNYSHOV, Sergey B. VAKHRUSHEV
 Ioffe Phys.-Tech. Institute, Russia
Anisotropy of Diffuse Scattering in PZT54 Single crystal
- P-33. Akira ONODERA and Masaki TAKESADA
 Department of Physics, Faculty of Science, Hokkaido University, Japan
Structural Aspects in A-site Ordered Perovskite CaCu₂Ti₂O₁₂: Colossal Dielectric Behavior and Ca/Cu Disorder
- P-34. Keita IKUJI¹, Yong Jie TENG², and Tadashi KURIHAMA¹
¹Department of Electrical and Electronic Engineering, Graduate School of Engineering, Chubu University, Japan, ²Takasago Electric, Inc., Japan
Thermal Analysis and X-Ray Structural Studies on Phase Transitions in (NH₄)₃Na(SO₄)₂
- P-35. Masahiro MATSUI¹, Yong Jie TENG², and Tadashi KURIHAMA¹
¹Department of Electrical and Electronic Engineering, Graduate School of Engineering, Chubu University, Japan, ²Takasago Electric, Inc., Japan
DSC and Single-Crystal X-Ray Structural Studies on Phase Transitions in RbNaSO₄
- P-36. Rattiphorn SUMANG¹, Pinit KIDKHUNTHOD², Rattikorn YIMNIRUN³, and Theerachai BONGKARN^{4,5}
¹Program of Physics, Faculty of Science and Technology, Pibulsongkram Rajabhat University, Thailand, ²Synchrotron Light Research Institute (Public Organization), Thailand, ³School of Physics, Institute of Science, Suranaree University of Technology, and Synchrotron Light Research Institute, Thailand, ⁴Department of Physics, Fac-

ulty of Science, Naresuan University, Thailand,
⁵Research Center for Academic Excellence in
 Applied Physics, Faculty of Science, Naresuan
 University, Thailand

**Structure refinement and optical properties
 of microcrystalline $[\text{Ba}_{1-x}\text{Y}_{2x/3}](\text{Zr}_{0.26}\text{Ti}_{0.80})\text{O}_3$
 perovskite**

- P-37. Shoichi TAKEDA¹, Chikako MORIYOSHI¹,
 Yoshihiro KUROIWA¹, Atsushi HONDA²,
 Noriyuki INOUE², Shin'ichi HIGAI², and Akira
 ANDO²

¹Department of Physical Science, Hiroshima Uni-
 versity, Japan, ²Murata Manufacturing Co., Ltd.,
 Japan

**Off-centered Rare-earth Ion at A-site in Ba-
 TiO₃-based Electroceramics**

- P-38. Yong Jie TENG¹, Tsukasa MIZUTANI², Eiko
 MATSUSHITA³, and Tadashi KURIHAMA²

¹Takasago Electric, Inc., Japan, ²Department of
 Electrical and Electronic Engineering, Graduate
 School of Engineering, Chubu University, Japan,
³College of Engineering, Gifu University, Japan
Phase Transitions in NH_4LiSO_4 and $(\text{NH}_4)_3\text{Li}(\text{SO}_4)_2$

- P-39. Yuki NAKAHIRA¹, Chikako MORIYOSHI¹,
 Yoshihiro KUROIWA¹, Yui ISHII², and Shigeo
 MORI²

¹Department of Physical Science, Graduate School
 of Science, Hiroshima University, Japan, ²Depart-
 ment of Materials Science, Osaka Prefecture Uni-
 versity, Japan

**Structural Fluctuation and Ferroelectric Phase
 Transition in Stuffed Tridymite-type Oxide
 BaAl_2O_4**

- P-40. Hiroki MORIWAKE¹, Ayako KONISHI¹, Takaf-
 umi OGAWA¹, Craig A. J. FISHER¹, Akihide
 KUWABARA¹, and Desheng FU²

¹Nanostructures Research Laboratory, Japan Fine
 Ceramics Center, Japan, ²Department of Electron-
 ics & Materials Sciences, Shizuoka University,
 Japan

**The origin of weak Ferroelectricity in room
 temperature phase AgNbO_3**

- P-41. Akitoshi KOREEDA¹, Tomohiro OGAWA¹, Dai-
 suke KATAYAMA¹, Yasuhiro FUJII¹, and Makoto
 TACHIBANA²

¹Ritsumeikan University, Japan, ²National Institute
 for Materials Science (NIMS), Japan

**Broadband Light-scattering Study on Fractal
 and Non-Fractal Relaxors**

- P-42. Ruta MACKEVICIUTE¹, Sarunas BAGDZEVI-
 CIUS¹, Robertas GRIGALAITIS¹, Juras BANYIS¹,

Muhammad BOOTA², Anirban GHOSH², and
 Guus RIJNDERS²

¹Vilnius University, Faculty of Physics, Lithua-
 nia, ²University of Twente, Faculty of Science &
 Technology, The Netherlands

**Electrical properties of PMN-33PT thin film at
 MPB**

- P-43. Seiji KOJIMA¹, Junta ZUSHI¹, Takuma ARII-
 ZUMI¹, Ryu OHTA¹, Shinya TSUKADA², and
 Yukikuni AKISHIGE²

¹Graduate School of Pure and Applied Sciences,
 University of Tsukuba, Japan, ²Faculty of Educa-
 tion, Shimane University, Japan

**Inelastic Light Scattering of $\text{Sr}_2(\text{Nb}_{1-x}\text{Ta}_x)_2\text{O}_7$
 Crystals at High Temperatures**

- P-44. Shunsuke SUZUKI¹, Toru MOGAMI¹ Yuhji TSU-
 JIMI¹, Makoto IWATA²

¹R.I.E.S. Hokkaido University, Japan, ²Nagoya
 Institute of Technology, Japan

**Soft-mode Behavior in Lanthanide-modified
 Bismuth Titanates**

- P-45. Sota ONO¹, Akihiko SANO¹, Nobuo NAKAJI-
 MA¹, Jun-ichi ADACHI², Yasuhiro NIWA², and
 Shintaro YASUI³

¹Grad. Sch. of Sci., Hiroshima Univ., Japan ²KEK-
 PF, Japan ³MSL, Tokyo Tech., Japan

**Electric Field Response of BaTiO_3 Film studied
 by Time-Resolved X-Ray Absorption Spectros-
 copy**

- P-46. Kenji OHWADA¹, Daisuke SHIMIZU², Jun'ichiro
 MIZUKI², Kazumichi NAMIKAWA³

¹Japan Atomic Energy Agency, Japan, ²Kwansei
 Gakuin University, Japan, ³Tokyo Gakugei Uni-
 versity, Japan

**Domain/heterophase fluctuations in the relaxor
 ferroelectrics studied by coherent x-ray diffrac-
 tion**

21-Jun Morning Session

A-Multipurpose Hall 9:00-10:00

9:00-10:00

Plenary2

Andrew M. RAPPE, Ilya GRINBERG, Hiroyuki TAKENAKA, and Shi LIU

Makineni Theoretical Laboratories, Department of Chemistry, University of Pennsylvania, USA

Bending Materials To Our Will: The Materials Design Of Ferroelectrics Through Coordinated Theory And Experimentation

30 min. Break 

A-Multipurpose Hall 10:30-12:30

Inhomogeneous Structures-Probing Techniques

10:30-11:00

Invite13

Alfred O. R. BARON

Materials Dynamics Laboratory, RIKEN SPring-8 Center, Japan

Opportunities for Investigating Phonons in Ferroelectrics via Inelastic X-ray Scattering at SPring-8

11:00-11:30

Invite14

Naoya SHIBATA

Institute of Engineering Innovation, The University of Tokyo, Japan

Electromagnetic field imaging of materials by scanning transmission electron microscopy

11:30-12:00

Invite15

Kenji TSUDA and Michiyoshi TANAKA

Institute of Multidisciplinary Research for Advanced Materials, Tohoku University, Japan

Direct Observation of Symmetry Breaking in the Nanoscale Local Structure of the cubic phase of BaTiO₃ using STEM-CBED

12:00-12:30

Invite16

Chris STOCK

School of Physics and Astronomy, University of Edinburgh, UK

Columns, waterfalls, and the breakdown of phonon excitations in PbMg_{1/3}Nb_{2/3}O₃

B-Small Hall 10:30-12:30

Multiferroics

10:30-11:00

Invite17

Juras BANYŠ¹, A. SAKANAS¹, C.E. CIOMAGA², L. CURECHERIU², V. BUSCAGLIA³, M.M. Vijatović PETROVIĆ⁴, R. GRIGALAITIS¹, M. IVANOV¹, S. SVIRSKAS¹, D. JABLONSKAS¹, L. MITOSERIU², J.D. BOBIĆ⁴, B. D. STOJANOVIĆ⁴, and S. KAMBA⁵

¹Faculty of Physics, Vilnius University, Lithuania,

²Faculty of Physics, University “Al. I. Cuza”, Romania,

³Institute of Energetics & Interphases IENI-CNR, Genoa, Italy, ⁴Institute for Multidisciplinary Research, Belgrade University, Serbia, ⁵Institute of Physics, Academy of

Sciences of the Czech Republic, Czech Republic

Multiferroic Composites

11:00-11:15

Oral15

Alexander KRYLOV, Evgeniya MOSHKINA, Svetlana SOFRONOVA, Irina GUDIM, Vladislav TEMEROV, and Alexander VTYURIN

L.V. Kirensky Institute of Physics SB RAS, Russia

Investigation of structural and magnetic phase transitions in multiferroic rare-earth tetraborate crystals with huntite structure by Raman spectroscopy

11:15-11:30

Oral16

Boris Kh. KHANNANOV, Victoria A. SANINA, Evgeny I. GOLOVENCHITS, and Mikhail P. SCHEGLOV
A.F. Ioffe Physical Technical Institute, Russia.

Room-temperature Electric Polarization Induced by Phase Separation in Multiferroic GdMn₂O₅

11:30-12:00

Invite18

Takuya SATOH

Department of Physics, Kyushu University, Japan,

Writing and reading of an optical polarization state in hexagonal YMnO₃

12:00-12:15

Oral17

Valentyn V. LAGUTA^{1,3}, Anna N. MOROZOVSKA², Eugene A. ELISEEV³, Igor P. RAEVSKI⁴, Svetlana I. RAEVSKAYA⁴, Eugene I. SITALO⁴, Sergey A. PROSANDEEV^{4,5}, and Laurent BELLAICHE⁵

¹Institute of Physics AS CR, Czech Republic, ²Institute of Physics, National Academy of Sciences of Ukraine, Ukraine, ³Institute for Problems of Materials Science, National Academy of Sciences of Ukraine, Ukraine, ⁴Research Institute of Physics and Physical Faculty, Southern Federal University, Russia, ⁵Physics Department and Institute for Nanoscience and Engineering, University of Arkansas, USA

Anomalous Paramagnetoelectric Effect In Magnetoelectric Multiferroics $\text{Pb}(\text{Fe}_{1/2}\text{Nb}_{1/2})\text{O}_3$ And Its Solid Solution With PbTiO_3

12:15-12:30

Oral18

Boris M. DARINSKII, Aleksandr P. LAZAREV, and Aleksandr S. SIGOV

Voronezh State University, Russia

Thermodynamic Description of Magnetoelectric Effect and Phase Transitions in Antiferromagnetic Crystals

21-Jun Afternoon Session

A-Multipurpose Hall 14:00-17:30

Films

14:00-14:30

Invite19

Alexander SIGOV, Yury PODGORNYY, Konstantin VOROTILOV, and Pavel LAVROV
Moscow Technological University (MIREA), Russia
“True” leakage current in ferroelectric films

14:30-14:45

Oral19

Takanori MIMURA¹, Kiriha KATAYAMA¹, Takao SHIMIZU², Hiroshi UCHIDA³, Takanori KIGUCHI⁴, Akihiro AKAMA⁴, Toyohiko J. KONNO⁴, Osami SAKATA⁵, and Hiroshi FUNAKUBO^{1,2}
¹Department of Innovative and Engineered Materials, Tokyo Institute of Technology, Japan, ²Materials Research Center for Element Strategy, Tokyo Institute of Technology, Japan, ³Department of Materials and Life Sciences, Sophia University, Japan, ⁴Institute for Materials Research, Tohoku University, Japan, ⁵Synchrotron X-ray Station at SPring-8 and Synchrotron X-ray Group, National Institute for Materials Science, Japan
Growth of orientation-controlled ferroelectric HfO_2 thin films by solid phase crystallization and their characterization

B-Small Hall 14:00-17:30

Domains

14:00-14:30

Invite22

Alexander TAGANTSEV
Ioffe Physical Technical Institute, St. Petersburg 194021, Russia, Swiss Federal Institute of Technology (EPFL), Switzerland

Properties of Charged Domain Walls: Predicted, Documented, Understood and not Understood

14:30-14:45

Oral25

Yusuke TOMITA
Shibaura Institute of Technology, Japan
Dynamics of Domain Boundaries of One-Dimensional Spin System with Long-Range Interactions

14:45-15:15

Invite23

Vladimir Ya. SHUR
Institute of Natural Sciences, Ural Federal University, Russia

Self-Organized Domain Structures and Self-Maintained Domain Growth in Ferroelectrics

14:45-15:00

Oral20

Olga MALYSHKINA, Olga KALUGINA, Gleb SHISHKOV, and Mamikon GAVALYAN
Tver State University, Russia

Characterization of laminated structures by thermal square wave method at single frequency

15:00-15:30

Invite20

Minoru OSADA

International Center of Materials Nanoarchitectonics (WPI-MANA), National Institute for Materials Science (NIMS) and Department of Nanoscience and Engineering, Waseda University, Japan

Engineering of dielectric/ferroelectric responses in layered perovskites: From 3D bulks to 2D nanosheets

15:30-15:45

Oral21

Natalia E. SHERSTYUK¹, Kirill A. GRISHUNIN¹, Nikita A. ILYIN¹, Maksim S. IVANOV^{1,2}, Vladimir M. MUKHORTOV³, and Elena D. MISHINA¹

¹Moscow Technological University – MIREA, Russia,

²CICECO - Materials Institute of Aveiro & Physics

Department, University Aveiro, Portugal, ³Southern Scientific Center of Russian Academy of Sciences, Russia

Local Experimental Studies of Electric Field Distribution in Perforated Ferroelectric Films

30 min. Break ☕

Lead-free ferroelectrics

16:15-16:45

Invite21

Zuo-Guang YE^{1,2}, Jian ZHUANG^{2,1}, Alexei A. BOKOV¹, and Wei REN²

¹Department of Chemistry and 4D LABS, Simon Fraser University, Canada, ²Electronic Materials Research Laboratory, Key Laboratory of the Ministry of Education & International Centre for Dielectric Research, Xi'an Jiaotong University, China

Ferroelectric-to-Relaxor Crossover in Lead-free Perovskite Solid Solutions

16:45-17:00

Oral22

Antoni KANIA, Adrian NIEWIADOMSKI, Seweryn MIGA, Godefroy KUGEL, Mustapha HAFID, and Jan DEC

Institute of Physics, University of Silesia, Poland
Raman Scattering and Dielectric Studies, and Phase Transitions of $\text{Ag}_{1-x}\text{Li}_x\text{NbO}_3$ Ceramics

17:00-17:15

Oral23

Ekaterina D. POLITOVA¹, Galina M. KALEVA¹, Natalia V. GOLUBKO¹, Aleksandr V. MOSUNOV¹, Elena A.

15:15-15:30

Oral26

Dmitry CHEZGANOV^{1,2}, Evgenii VLASOV¹, Andrey AKHMATKHANOV^{1,2}, Lubov GIMADEEVA¹, Maria CHUVAKOVA¹, Denis ALIKIN¹, Artur UDALOV¹, Yuri PETROV³, and Vladimir Ya. SHUR^{1,2}

¹Institute of Natural Sciences, Ural Federal University, Russia, ²Labfer Ltd., 620014, Russia, ³Research park, IRC Nanotechnology, St. Petersburg State University, Russia

Domain Formation by Focused Ion Beam in Lithium Niobate Single Crystals

15:30-15:45

Oral27

Yoshiaki UESU, Hirotooshi SHIBATA, and Yamato SHINDOH

Waseda University, Japan

Direct Observations of Domain Reversal Process in LiNbO_3 Crystal Using the Phase-Sensitive SHG Microscope

30 min. Break ☕

Domains & Dynamics

16:15-16:45

Invite24

Andrey ELSHIN¹, Kirill GRISHUNIN¹, Elena MISHINA¹, Alexander SIGOV¹, and Igor PRONIN²

¹Moscow Technological University – MIREA, Russia,

²Ioffe institute RAS, Russia

Crystallization of Ferroelectric Nanostructures by Multipulse Femtosecond Laser

16:45-17:00

Oral28

Toshio OGAWA and Taiki IKEGAYA

Department of Electrical and Electronic Engineering, Shizuoka Institute of Science and Technology, Japan

Elastic Constants in Piezoelectric Single Crystals and Ceramics Evaluated by Sound Velocities

17:00-17:15

Oral29

Alexander VTYURIN, Alexander KRYLOV, Vladimir VORONOV, Alexander ORESHONKOV, and Svetlana KRYLOVA

L.V.Kirensky Institute of physics SB RAS, Russia

Raman Scattering and Phase Transitions in Fluorides With Elpasolite Structure

FORTALNOVA^{1,2}, and Sergey Yu. STEFANOVICH^{1,3}

¹L. Ya. Karpov Institute of Physical Chemistry, Russia,
²Peoples' Friendship University of Russia, Russia,

³Lomonosov Moscow State University, Russia

Phase Formation and Ferroelectric Properties of Lead-Free Ceramics

17:15-17:30

Oral24

Alexander O. VATULYAN, Vladimir V. DUDAREV,
Rostislav D. NEDIN, Ivan V. BOGACHEV, and Sergey
A. NESTEROV

Southern Federal University, Russia

On modeling of functionally graded piezo materials

17:15-17:30

Oral30

Yasuhiro FUJII¹, Daisuke KATAYAMA¹, Mitsuyoshi
MORITA¹, Akitoshi KOREEDA¹, Hiroki TANIGUCHI²,
and Ichiro TERASAKI²

¹Department of Physical Sciences, Ritsumeikan
University, Japan, ²Department of Physics, Nagoya
University, Japan

**Broadband Micro Light Scattering Investigation
on Ferroelectric Phase Transition of NaVO₃ with
Pyroxene Type One Dimensional Oxygen-tetrahedral
chain structure**

21-Jun POSTER SESSION 2

Exhibition Hall 18:00-19:30

P-47. Hiroshi TAKASHIMA¹, and Mitsuru ITOH²

¹National Institute of Advanced Industrial Science
and Technology, Japan, ²Tokyo Institute of Tech-
nology, Japan

**Thin film perovskite electroluminescence with
BaTiO₃ films as insulating layers**

P-48. Selami PALAZ, Sevket SIMSEK, Amirullah M.
MAMEDOV, and Ekmel OZBAY

International Scientific Center, Baku State Univer-
sity, Azerbaijan, Nanotechnology Research Center,
Bilkent University, Turkey

**Fibonacci Sequences Quasiperiodic A⁵B⁶C⁷
Ferroelectric Based Photonic Crystals: FDTD
analysis**

P-49. Husni KOC, Selami PALAZ, Amirullah M. MA-
MEDOV, and Ekmel OZBAY

Nanotechnology Research Center (NANOTAM),
Bilkent University, Turkey, International Scientific
Center, Baku State University, Azerbaijan

**Optical, Electronic and Elastic Properties of
Some A⁵B⁶C⁷ Ferroelectrics (A=Sb, Bi; B=S, Se;
C=I, Br, Cl): first principle calculation**

P-50. Arkadiy N. SOLOVYEV, Alexander S. SKALI-
UKH, Pavel A. OGANESYAN, Le Van DUONG,
and Evgenia KIRILLOVA

Don State Technical University, Russia

**Non-Homogeneously Polarized Piezo Device
Performance Analysis Using Applied Theory
and ACELAN Package**

P-51. Marija DUNCE¹, Eriks BIRKS¹, Reinis IGNA-
TANS¹, Maija ANTONOVA¹, Andris STERN-
BERG¹, Jani PERÄNTIE², and Juha HAGBERG²

¹Institute of Solid State Physics, University of
Latvia, Latvia, ²Microelectronics and Materials
Physics Laboratories, University of Oulu, Finland

**Nature of Dielectric Polarization and Electroca-
loric Effect in Poled and Depoled Na_{0.5}Bi_{0.5}TiO₃**

P-52. Tasuku YOSHIDA¹, Jun KANO^{1,2}, Norihiro
OSHIME¹, Satoshi HINOKUMA^{2,3}, Yusuke
TAMENORI⁴, Kazuo KATO⁴, Kiyofumi NITTA⁴,
Masaichiro MIZUMAKI¹, Naoshi IKEDA¹, Tatsuo
FUJII¹, Tomoko OKUBO¹, and Takeji UEDA¹

¹Graduate School of Natural Science and Technol-
ogy, Okayama University, Japan, ²Japan Science
and Technology Agency, PRESTO, Japan, ³Gradu-
ate School of Science and Technology, Kumamoto
University, Japan, ⁴Japan Synchrotron Radiation
Research Institute, Japan

**Valence Anomaly of Palladium Oxide Particles
on BaTiO₃**

P-53. Zhonghua DAI

¹College of Mechanics and Materials, Hohai
University, China, ²National Institute for Materials
Science, Ferroc physics Group, Japan

**Electrical properties of zirconium-modified
BiScO₃- PbTiO₃ piezoelectric ceramics**

P-54. Chatchai KRUEA-IN¹, Pharatree JAITA^{2,3}, and
Gobwute RUJIJANAJUL²

¹Faculty of Science and Technology, Chiang Mai
Rajabhat University, Thailand, ²Department of
Physics, Faculty of Science, Chiang Mai Univer-
sity, Thailand, ³Science and Technology Research
Institute, Chiang Mai University, Thailand

**Structure and Electrical Properties of Alumina
Nanoparticles Modified-PZT Based Ceramics**

P-55. Chun WANG¹, Keisuke OSHIMA¹, Takaaki
INABA¹, Huaping SONG¹, Yuta WATABE¹,
Qi ZHANG¹, Tomoko NAGATA¹, Takuya
HASHIMOTO², Kouichi TAKASE¹, Hiroshi
YAMAMOTO¹, and Nobuyuki IWATA¹

- ¹College of Science and Technology, Nihon University, Japan, ²College of Humanities and Sciences, Nihon University, Japan
Preparation and Evaluation of BiFeO₃ Thin Films using Bi excess Bi_{1-x}FeO_x Target Synthesized by Pechini Method
- P-56. Takao SHIMIZU¹, Kiliha KATAYAMA², Takanori KIGUCHI³, Akihiro AKAMA³, Toyohiko J. KONNO³, Osami SAKATA⁴, and Hiroshi FUNAKUBO^{1,2}
¹Materials Research Center for Element Strategy, Tokyo Institute of Technology, Japan, ²Department of Innovative and Engineered Materials, Tokyo Institute of Technology, Japan, ³Institute for Materials Research, Tohoku University, Japan, ⁴Synchrotron X-ray Station at SPring-8 and Synchrotron X-ray Group, National Institute for Materials Science, Japan
Preparation of fluorite-structured ferroelectric thin films and their characterization
- P-57. Ekaterina A. STRIKINA, Alexander N. VTYURIN, Aleksander S. KRYLOV, and Aleksander S. ORESHONKOV
Kirensky Institute of Physics, Russia
Determination of Gruneisen Parameters in δ -BiB₃O₆ crystal
- P-58. Fumihito SHIKANAI, Shinya TSUKADA, and Yukikuni AKISHIGE
Faculty of Education, Shimane University, Japan
Single-Crystal Growth of β -Tb₂(MoO₄)₃ and its Evaluation
- P-59. Hiroyuki KOBAYASHI^{1,2}, Kosuke FUJIWARA¹, Tomoyuki KARASUDANI³, Masahiro SAKAI⁴, Naoya KOBAYASHI², Naoshi IKEDA^{1,2}, and Osami SERI⁴
¹Graduate school of Natural Science and Technology, Okayama University, Japan, ²Green Ferrite Technology Research Association, Japan, ³Faculty of Science, Okayama University, Japan, ⁴Department of Mechanical Systems Engineering, Muroran Institute of Technology, Japan
Ferroelectric and Magnetic properties for nano particles of multiferroic YbFe₂O₄
- P-60. Hiroyuki SAITOH¹, Daisuke MORI², and Yoshiyuki INAGUMA²
¹Quantum Beam Science Directorate, Japan Atomic Energy Agency, Japan, ²Department of Chemistry, Faculty of Science, Gakushuin University, Japan
High-pressure Synthesis of Novel Ferroelectrics with the Aid of In-situ Synchrotron Radiation X-ray Diffraction Measurement
- P-61. Lalita TAWEE¹, Ratabongkot SANJOOM¹, Pharatree JAITA^{1,2}, Kamonpan PENGPAT^{1,3}, Sukum EITSSAYEAM^{1,3}, Tawee TUNKASIRI^{1,2,3}, and Gobwute RUJJANAJUL¹
¹Department of Physics, Faculty of Science, Chiang Mai University, Thailand, ²Science and Technology Research Institute, Chiang Mai University, Thailand, ³Materials Science Research Center, Faculty of Science, Chiang Mai University, Thailand
Dielectric Properties of Ba_{1-x}Sr_x(Fe_{0.5}Ta_{0.5})O₃ Giant Dielectric Ceramics
- P-62. Lalita TAWEE¹, Ratabongkot SANJOOM¹, Pharatree JAITA^{1,2}, Gobwute RUJJANAGUL^{1,2}, and Steven J. MILE³
¹Department of Physics and Materials Science, Faculty of Science, Chiang Mai University, Thailand, ²Science and Technology Research Institute, Chiang Mai University, Thailand, ³Institute for Materials Research, University of Leeds, United Kingdom
High Dielectric Constants Observed in BZT-SFN Ceramics
- P-63. Manlika KAMNOY¹, Piewpan PARJANSRI², Urairwan INTATHA³, and Sukum EITSSAYEAM¹
¹Department of Physics and Materials Science, Faculty of Science, Chiang Mai University, Thailand
²Physics Division, Faculty of Science and Technology Rajamangala University of Technology, Thailand, ³School of Science, Mae Fah Luang University, Thailand
Effects of BaTiO₃ Doped on Structural and Dielectric Properties of Bi_{0.5}(Na_{0.80}K_{0.20})_{0.5}TiO₃ Ceramic
- P-64. Maxim V. SILIBIN, Dmitry V. KARPINSKY, and Igor O. TROYANCHUK
National Research University of Electronic Technology "MIET", Russia
Evolution of crystal structure and physical properties of Bi_{1-x}Pr_xFeO₃ ceramics across the rhombohedral-orthorhombic phase boundary
- P-65. Pichitchai BUTNOI¹, Supalak MANOTHAM¹, Pharatree JAITA^{1,2}, Kamonpan PENGPAT^{1,3}, and Gobwute RUJJANAGUL^{1,3}
¹Department of Physics, Faculty of Science, Chiang Mai University, Thailand, ²Science and Technology Research Institute, Chiang Mai University, Thailand, ³Materials science research center Faculty of Science, Chiang Mai University, Thailand
Effects of processing parameter on Phase transition and electrical properties of lead-free (Bi_{0.5}Na_{0.80}K_{0.20})_{0.5}TiO₃ piezoelectric ceramics

- P-66. Piewpan PARJANSRI^{1,2} and Sukum EITSSA-YEAM²
¹Physics Division, Faculty of Science and Technology, Rajamangala University of Technology Krungthep, Thailand, ²Department of Physics and Materials Science, Faculty of Science, Chiang Mai University, Thailand
Electrical Properties of $\text{Ba}_{0.85}\text{Ca}_{0.15}\text{Zr}_{0.10}\text{Ti}_{0.90}\text{O}_3$ Ceramics Prepared by Seed-Induced Method
- P-67. Prathana INTAWIN¹, Kamonpan PENGPAT¹, and Wilaiwan LEENAKUL²
¹Department of Physics and Materials Science, Faculty of Science, Chiang Mai University, Thailand, ²Divisions of Industrial Materials Science, Faculty of Science and Technology, Rajamangala University of Technology Phra Nakorn, Thailand
Fabrication and properties of Transparent barium titanate glass ceramic nanocomposites
- P-68. Ratabongkot SANJOM¹, Pharatee JAITA^{1,2}, Tawee TUNKASIRI^{1,2}, Denis SWEATMAN^{1,2}, and Gobwute RUJJANAGUL^{1,2}
¹Department of Physics and Materials Science, Faculty of Science, Chiang Mai University, Thailand, ²Science and Technology Research Institute, Chiang Mai University, Thailand
Effects of heating rate on Electrical Properties of modified BNKT based ceramics
- P-69. Supalak MANOTHAM¹, Pharatee JAITA^{1,2}, Tawee TUNKASIRI¹, and Gobwute RUJJANAJUL¹
¹Department of Physics, Faculty of Science, Chiang Mai University, Thailand, ²Science and Technology Research Institute, Chiang Mai University, Thailand
Effects of B_2O_3 doped on Structure and Properties of Lead-Free $(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ Ceramics
- P-70. Tomoyuki KARASUDANI¹, Kosuke FUJIWARA², Tatsuo FUJII², Kazuhiro TODORI³, Norihiro OSHIME², Yoichi HORIBE⁴, Hiroyuki KOBAYASHI², Mamoru FUKUNAGA², Jun KANO^{2,5}, and Naoshi IKEDA²
¹Faculty of Science Okayama University, Japan, ²Graduate school of Natural Science and Technology Okayama University, Japan, ³Faculty of Engineering Okayama University, Japan, ⁴Faculty of Engineering Kyushu Institute of Technology, Japan, ⁵JST-PREST, Japan
Dielectric and magnetic properties of Mn doped $\text{YbFe}_2\text{O}_7(\text{YbFeO}_3)_n$, $n=1$ single crystal
- P-71. Prattana INTWIN¹, Wilaiwan LEENAKUL², and Kamonpan PENGPAT¹
¹Department of Physics and Materials Science, Faculty of Science, Chiang Mai University, Thailand, ²Faculty of Science, Rajamangala University of Technology Phra Nakorn, Thailand
Structural and Magnetic Properties of Glass-ceramic Nanocomposites Containing $\text{Ni}_{0.8}\text{Zn}_{0.2}\text{Fe}_2\text{O}_4$
- P-72. Yuta ISHII¹, Makoto MITARASHI¹, Terutoshi SAKAKURA¹, Satoru HORIO¹, Yukio NODA¹, Hiroyuki KIMURA¹, Takashi HONDA², Hironori NAKAO², and Yochi MURAKAMI²
¹IMRAM, Tohoku University, Japan, ²KEK, Japan
Resonant soft and hard X-ray scattering study of multiferroic SmMn_2O_5
- P-73. Tatsuya MORI, Tomohiko SHIBATA, and Seiji KOJIMA
 Division of Materials Science, University of Tsukuba, Japan
Terahertz Dynamics of Pharmaceutical Indomethacin: Boson Peak Detection Using Terahertz Time-Domain Spectroscopy
- P-74. Alla NURAEVA¹, Semen VASILEV¹, Daria VASILEVA¹, Pavel ZELENOSKIY¹, Alexander ESIN¹, Dmitriy CHEZGANOV¹, Vladimir Ya. SHUR¹, and Andrey L. KHOLKIN^{1,2}
¹Institute of Natural Sciences, Ural Federal University, Russia, ²Department of Materials and Ceramic Engineering & CICECO, University of Aveiro, Portugal
Piezoelectric and Pyroelectric Properties of Diphenylalanine Microcrystals
- P-75. Seonhyeop SHIN¹, Min-Seok JEONG¹, Jae-Hyeon KO¹, Young Ho KO², and Kwang Joo KIM²
¹Department of Physics, Hallym University, Korea, ²4-2-2, Agency for Defense Development, South Korea
Equation of State of Methanol-ethanol Mixture determined by High-Pressure Brillouin Spectroscopy
- P-76. Min-Seok JEONG¹, Seonhyeop SHIN¹, Jae-Hyeon KO¹, Seiji KOJIMA², Alexei A. BOKOV³, Yujuan XIE³, and Zuo-Guang YE³
¹Department of Physics, Hallym University, Korea, ²Division of Materials Science, University of Tsukuba, Japan, ³Department of Chemistry and 4D LABS, Simon Fraser University, Canada
Acoustic Phonon Behaviors of $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ Single Crystals Studied by Brillouin Spectroscopy
- P-77. Jaroslavas BELOVICKIS¹, Vytautas SAMULIONIS¹, Juras BANYIS¹, Maxim SILIBIN², Alexander SOLNYSHKIN^{2,3}, and Artem SYSA²
¹Faculty of Physics, Vilnius University, Lithuania, ²National Research University of Electronic Technology, Russia, ³Tver State University, Russia

Effect of Thermal Cycling On Ferroelectric Phase Transition Of PVDF-TrFe Based Composites As Investigated By Ultrasonic Spectroscopy

- P-78. Alexandr ERSHOV, Aleksandr ORESHONKOV, Alexander KRYLOV, Nikolay SHESTAKOV, and Aleksandr VTYURIN
Kirensky Institute of Physics, Russia
Vibrational spectra of PrF_3 crystals
- P-79. Alexander S. SIGOV¹, Gennady A. KOMANDIN², Oleg E. PORODINKOV², Igor E. SPEKTOR¹, and Dmitry S. SEREGIN¹
¹Department of Electronics, MIREA, Russia, ²Department of Submillimeter Spectroscopy, GPI RAS, Russia
Terahertz-Infrared Dielectric Response of the CaPbTiO_3 Solid Solution
- P-80. Alexander SIGOV¹, Gennady KOMANDIN², Oleg PORODINKOV², Igor SPEKTOR², Alexander VOLKOV², Konstantin VOROTILOV¹, and Dmitry SEREGIN¹
¹Moscow Technological University (MIREA), Russia, ²Department of Submillimeter Spectroscopy, GPI RAS, Russia
Terahertz-Infrared Properties of Porous PZT-Films Deposited on Platinized Silicon
- P-81. Cong LU, Nobuo NAKAJIMA, Shuhei KAWAKAMI, Chisato TEMBA, Sota ONO, and Hiroshi MARUYAMA
Graduate School of Science, Hiroshima University, Japan
Observation of the Flexoelectric Origin of a SrTiO_3 Single Crystal by X-ray Absorption and Resonant X-ray Emission Spectroscopies
- P-82. Džiugas JABLONSKAS, Maksim IVANOV, Robertas GRIGALAITIS, and Jūras BANYŠ
Vilnius University, Faculty of Physics, Lithuania
Implementation of an improved non-linear susceptometer
- P-83. Rūta MACKEVIČIŪTĖ¹, Robertas GRIGALAITIS¹, Šarūnas BAGDZEVIČIUS¹, Maksim IVANOV¹, Barbara FRAYGOLA², Nava Setter², and Jūras BANYŠ¹
¹Vilnius University, Faculty of Physics, Lithuania, ²Ceramics Laboratory, Swiss Federal Institute of Technology (EPFL), Switzerland
Electrical conductivity studies in partially strained epitaxial thin $\text{Ba}_{0.7}\text{Sr}_{0.3}\text{TiO}_3$ films
- P-84. Sarunas SVIRSKAS¹, Maksim IVANOV¹, Juras BANYŠ¹, Md Al HELAL², Tatsuya MORI², and Seiji KOJIMA²
¹Faculty of Physics, Vilnius University, Lithuania, ²Division of Materials Science, University of Tsukuba, Japan
- Broadband Dielectric Spectroscopy of $0.83\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - 0.17PbTiO_3 Single Crystal**
- P-85. Sarunas SVIRSKAS¹, Juras BANYŠ¹, Marija DUNCĖ², Eriks BIRKS², and Andris STERNBERG²
¹Faculty of Physics, Vilnius University, Lithuania, ²Institute of Solid State Physics, University of Latvia, Latvia
Dielectric, Infrared and Raman Studies of Lead-Free $x\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ -($1-x$) $\text{Sr}_{0.7}\text{Bi}_{0.2}\text{TiO}_3$ Solid Solutions
- P-86. Iлона ZAMARAITE¹, Andrius DZIAUGYS¹, Juras BANYŠ¹, and Yulian VYSOCHANSKI²
¹Faculty of Physics, Vilnius University, Lithuania, ²Institute of Solid State Physics and Chemistry of Uzhgorod University, Ukraine
Influence of Se and Pb on dielectric and ferroelectric properties of $\text{Sn}_2\text{P}_2\text{S}_6$ crystals
- P-87. Sergejus BALČIŪNAS¹, Maksim IVANOV¹, Jūras BANYŠ¹, and Satoshi WADA²
¹Faculty of Physics, Vilnius University, Lithuania, ²Interdisciplinary Graduate School of Medical and Engineering, University of Yamanashi, Japan
Dielectric Properties of BaTiO_3 - $\text{K}(\text{NbO}_3)$ Composites
- P-88. Vidmantas KALENDRA¹, Florian ALLOUCHE², Victor MOUGEL², Christophe COPERET², Juras BANYŠ¹, and Gunnar JESCHKE³
¹Vilnius University, Faculty of Physics, Lithuania, ²ETH Zurich, Laboratory for Inorganic Chemistry, Switzerland, ³ETH Zurich, Laboratory of Physical Chemistry, Switzerland
Investigation of Titanium Surface Active Sites in Silica-Supported Catalysts using EPR and NMR Spectroscopy
- P-89. Yoshimi MITA¹, Toshiaki SHIBATA¹, Michihiro KOBAYASHI¹, Tomoyuki MOCHIDA, and Tadashi SUGAWARA
¹Osaka University, Japan, ²Toho University, Japan, ³The University of Tokyo, Japan
Anomalous Raman Peaks of Intra-Molecular Hydrogen Bond Material 5-bromo-9-hydroxy-phenalenone under Various Pressure and Temperature Conditions

22-Jun Morning Session

A-Multipurpose Hall 9:00-10:00

9:00-10:00

Plenary3

Peter M. GEHRING

National Institute of Standards and Technology, USA

Neutron Studies of Excitations in Relaxors: Current Understanding and Future Directions

30 min. Break 

A-Multipurpose Hall 10:30-12:30

Inhomogeneous Structure

10:30-11:00

Invite25

Seiji KOJIMA¹, Md. Mijanur RAHAMAN¹, Tadayuki IMAI², Tadashi SAKAMOTO², and Shinya TSUKADA³

¹Graduate School of Pure and Applied Sciences,

University of Tsukuba, Japan, ²NTT Corporation Device Innovation Center, Nippon Telegraph and Telephone Corporation, Japan, ³Faculty of Education, Shimane University, Japan

Relaxor ferroelectric phase transitions of K(Ta_{1-x}Nb_x)O₃ crystals :Inelastic Light Scattering Study

11:00-11:15

Oral31

Vladimir V. SHVARTSMAN¹, Jan DEC², Wolfgang KLEEMANN³, Sergei V. KALININ⁴, and Doru C. LUPASCU¹

¹Institute for Materials Science, University Duisburg-Essen, Germany, ²Institute of Materials Science, University of Silesia, Poland, ³Faculty of Physics, University Duisburg-Essen, Germany, ⁴Center for Nanophase Materials Sciences, Oak Ridge National Laboratory, USA

Spatially Resolved Studies of Polarization Dynamics in Uniaxial Relaxors Sr_xBa_{1-x}Nb₂O₆

11:15-11:30

Oral32

Elena BUIXADERAS¹, Martin KEMPA¹, Christelle KADLEC¹, Petr ONDREJKOVIC¹, Jiri HLINKA¹, and Jan DEC²

¹Institute of Physics, Czech Academy of Sciences, Czech Republic, ²University of Silesia, Institute of Materials Sciences, Poland

Compositional dielectric behaviour and phonon dynamics in tetragonal tungsten-bronze Sr_xBa_{1-x}Nb₂O₆

11:30-11:45

Oral33

Alexei BOSAK¹ and Dmitry CHERNYSHOV²

¹European Synchrotron Radiation Facility, France,

²Swiss-Norwegian Beam Lines at ESRF, France

B-Small Hall 10:30-12:30

Sample Preparation & Techniques

10:30-11:00

Invite27

Marija DUNCE¹, Eriks BIRKS¹, Reinis IGNATANS¹, Andris STERNBERG¹, Heinz KABELKA², Armin FUITH²,

Jani PERÄNTIE³, Juha HAGBERG³, Maris KUNDZINSH¹, and Edgars NITISS¹

¹Institute of Solid State Physics, University of Latvia, Latvia, ²Institute of Experimental Physics of University of Vienna, Austria, ³Microelectronics and Materials Physics Laboratories, University of Oulu, Finland

Phase Transitions in (1-x)Na_{0.5}Bi_{0.5}TiO₃-xCaTiO₃ Solid Solutions

11:00-11:15

Oral35

Piyaporn JAIMEEWONG¹, Paitoon BOONSONG¹, Sukanda JIANSIRISOMBOON², and Anucha WATCHARAPASORN^{1,2}

¹Department of Physics and Materials Science, Faculty of Science, Chiang Mai University, Thailand, ²Materials Science Research Center, Faculty of Science, Chiang Mai University, Thailand, ³School of Ceramic Engineering, Suranaree University of Technology, Thailand

Enhanced Sinterability and Electrical Properties of Bi₂O₃-added Ba_{0.85}Ca_{0.15}Zr_{0.1}Ti_{0.9}O₃ Ceramics

11:15-11:30

Oral36

Boris M. DARINSKII and Alexandr S. SIDORKIN

Voronezh State University, Russia

Influence of Internal Electric and Elastic Fields on Characteristics of Ferroelectric Materials

11:30-11:45

Oral37

Krailas MATHRMOOL¹ and Theerachai BONGKARN^{1,2,3}

¹Department of Physics, Faculty of Science, Naresuan University, Thailand, ²Research Center for Academic Excellence in Applied Physics, Faculty of Science, Naresuan University, Thailand, ³Research Center for Academic Excellence in Petroleum, Petrochemicals

Disorder(s) in $\text{Sr}_{0.6}\text{Ba}_{0.4}\text{Nb}_2\text{O}_6$ as Seen in Diffuse Scattering

11:45-12:15

Invite26

Annette BUSSMANN-HOLDER

Max-Planck-Institute for Solid State Research, Germany

Relaxor ferroelectrics and intrinsic inhomogeneity

12:15-12:30

Oral34

Hiroyuki MASHIYAMA¹ and Hirotake SHIGEMATSU²

¹Yamaguchi University, Japan, ²Faculty of Education,

Yamaguchi University, Japan

Phase Transitions and the quantum effect in A_2BX_4 -type Ferroelectric Crystals

and Advanced Materials, Faculty of Science, Naresuan University, Thailand

Effect of fuel content on properties of KNLNTS Ceramics Prepared by the Solid State Combustion Technique

11:45-12:00

Oral38

Elena A. FORTALNOVA^{1,2}, Ivan SMAGIN¹, Anna

MITROFANOVA¹, Ekaterina D. POLITOVA², Marina G.

SAFRONENKO¹, and Vladimir V. KURILKIN²

¹Peoples' Friendship University of Russia, Russia, ²L. Ya.

Karpov Institute of Physical Chemistry, Russia

Synthesis and Investigation of RE(III) Cation

Substituted SBN and SBT Ceramics

12:00-12:30

Invite28

Satoshi WADA, Kazuki FUKASAWA, Yuichi ENDO,

Miki WATANABE, Shintaro UENO, Kouichi NAKASHI-

MA, and Nobuhiro KUMADA

Material Science and Technology, Interdisciplinary

Graduate School of Medical and Engineering, University of Yamanashi, Japan

Preparation of New Barium Titanate-based Nano-complex Ceramics with High-density Heteroepitaxial Interfaces by Solvothermal Solidification Method and Their Dielectric and Piezoelectric Enhancement

22-Jun Afternoon Excursion & Banquet

A-Multipurpose Hall 9:00-11:30

Vibrational Spectroscopy

9:00-9:30

Invite29

Oleg E. KVVATKOVSKII and Sergey LUSHNIKOV
Ioffe Institute, Russia

Lattice Dynamics of Disordered Perovskites: Results of Experiments and Ab Initio Calculations

9:30-9:45

Oral39

Akira SAKAI¹, Genki ANZOU¹, Atsushi KIKUCHI², and Osami SERI²

¹Department of Information and Electronic Engineering, Muroran Institute of Technology, Japan, ²Department of Mechanical, Aerospace, and Materials Engineering, Muroran Institute of Technology, Japan

Raman Scattering Study of Microcrystals of Perovskite Titanate

9:45-10:00

Oral40

Alex BOGDANOV^{1,2}, Andrew MYSOVSKY^{1,2}, and Anna V. KIMMEL^{3,4}

¹Irkutsk State Technical University, Russia, ²Vinogradov Institute of Geochemistry SB RAS, Russia, ³National Physical Laboratory, UK, ⁴Department of Physics and Astronomy, University College London, UK

Modelling of structure of $\text{Pb}(\text{Zr}_{0.6}\text{Ti}_{0.4})\text{O}_3$ using multi-phase approach

10:00-10:30

Invite30

Shinya TSUKADA¹, Yasuhiro FUJII², Seiji KOJIMA³, and Yukikuni AKISHIGE¹

¹Faculty of Education, University of Shimane, Japan, ²College of Science and Engineering, Ritsumeikan University, Japan, ³Graduate School of Pure and Applied Sciences, University of Tsukuba, Japan

Inhomogeneity in Perovskite Ferroelectrics Probed by Angle-Resolved Polarized Raman Scattering

10:30-10:45

Oral41

A. M. PUGACHEV, I. V. ZAYTSEVA, V. I. KOVALEVSKII, V. K. MALINOVSKY, N. V. SUROVTSEV, and Yu. M. BORZDOV

Institute of Automation and Electrometry RAS, Russia

Interrelation between residual stress and ferroelectric phase transition in pressure-treated BaTiO_3 powder probed by nonlinear and inelastic light scattering

B-Small Hall 9:00-11:30

Inhomogeneous Structures

9:00-9:30

Invite31

Wolfgang KLEEMANN¹, Jan DEC², and Seweryn MIGA²

¹Angewandte Physik, Universität Duisburg-Essen, Germany, ²Institute of Materials Science, University of Silesia, Poland, **Superdipolar Glass Ground State of Relaxors**

9:30-9:45

Oral44

Jan DEC¹, Wolfgang KLEEMANN², and Seweryn MIGA¹

¹Institute of Materials Sciences, University of Silesia, Poland, ²Angewandte Physik, Universität Duisburg-Essen, Germany

Aging Effect in the PMN Canonical Relaxor System

9:45-10:00

Oral45

Alexei A. BOKOV¹, Dawei WANG², Zuo-Guang YE^{1,2}, Jiri HLINKA³, and Laurent BELLAÏCHE⁴

¹Department of Chemistry and 4D LABS, Simon Fraser University, Canada, ²Electronic Materials Research Laboratory and International Center for Dielectric Research, Xi'an Jiaotong University, China, ³Institute of Physics, Academy of Sciences of the Czech Rep., Czech Republic, ⁴Physics Department and Institute for Nanoscience and Engineering, University of Arkansas, USA

Dielectric Relaxation of Relaxor Ferroelectrics Derived from First Principles

10:00-10:30

Invite32

Makoto IWATA¹, Ryo NAGAHASHI¹, and Yoshihiro ISHIBASHI²

¹Department of Physical Science and Engineering, Nagoya Institute of Technology, Japan, ²Department of Applied Physics, Nagoya University, Japan **Linear and Nonlinear Permittivities in $\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - PbTiO_3**

10:30-10:45

Oral46

Michail V. TALANOV and Larisa A. REZNICHENKO
Research Institute of Physics, Southern Federal University, Russia

The critical points on the E - T and x - T phase diagrams of multicomponent solid solutions based on relaxor ferroelectrics

10:45-11:00

Oral42

Marc D. FONTANA¹, Inès BEJAOU^{1,2}, Thomas KAUFFMANN¹, David CHAPRON¹, and Hassen AROUJ²

¹Laboratoire Matériaux Optiques, Photonique et Systèmes, Université de Lorraine and CentraleSupélec, France, ² Laboratoire de Dynamique Moléculaire et Matériaux Photoniques, Ecole Nationale Supérieure des Ingénieurs de Tunis, Université de Tunis, Tunisia

Vibrational Structure of Ca-Doped Ferroelectric BaTiO₃ Crystals

11:00-11:15

Oral43

Takuya HOSHINA, Akira SAHASHI, Yuka MORIMOTO, Kazuki KANEHARA, Hiroaki TAKEDA, and Takaaki TSURUMI

Nano-Phononics Laboratory, Graduate School of Science and Engineering, Tokyo Institute of Technology, Japan
Dielectric Property of Strontium Titanium Oxynitride Crystal

10:45-11:00

Oral47

Nobuo NAKAJIMA, Cong LU, Chisato TEMBA, and Shuhei KAWAKAMI
Graduate School of Science, Hiroshima University, Japan
X-Ray Spectroscopic Study of the Electric Dipole Moment in Paraelectric SrTiO₃

11:00-11:30

Oral48

Nikita A. ILYIN¹, Kirill A. GRISHUNIN¹, Kirill A. BREKHOV¹, Natalia E. SHERSTYUK¹, Elena D. MISHINA¹, Alexander S. SIGOV¹ and Alexey V. KIMEL^{1,2}

¹Moscow Technological University – MIREA, Russia,
²Radboud University Nijmegen, The Netherlands

Photoinduced dynamics and femtosecond excitation of phonon modes in ferroelectric semiconductor Sn₂P₂S₆

A-Multipurpose Hall 12:00-13:30

12:00-13:00

Plenary4

Sergey VAKHRUSHEV

Ioffe Institute, Russia, Peter the Great St. Petersburg Polytechnical University, Russia,

Crystalline structure and diffuse scattering in cubic perovskite-like ferroelectrics and antiferroelectrics

Closing

Index

[A]

Adachi Jun-ichi	P-45
Aftabuzzaman Md	P-24
Akama Akihiro	Oral-19 , P-56
Akbaeva Galina	P-29
Akhmatkhanov R. Andrey	Oral-26 , P-9 , P-13 , P-17 , P-22
Akishige Yukikuni	Invite-30 , P-43 , P-58
Alikin Denis	Oral-26 , P-15 , P-16 , P-17 , P-23
	P-26
Alikin Mikhailovich Yuri	P-15
Allouche Florian	P-88
Ando Akira	P-37
Andronikova Daria	Oral-14 , P-32
Anoufa Mickael	Invite-8
Anspoks Andris	Oral-13
Antonova Maija	P-51
Anzou Genki	Oral-39
Aoyama Takuya	Plenary-1
Ariizumi Takuma	P-43
Aroui Hassen	Oral-42

[B]

Baba Masaaki	Oral-5
Bagdzevicius Sarunas	P-42 , P-83 , P-85
Balčiūnas Sergejus	P-87
Baldi Pascal	P-17 , P-23
Banyus Juras	Invite-17 , Oral-2 , P-5 , P-14 , P-42
	P-77 , P-82 , P-83 , P-84 , P-85 , P-86 , P-87 , P-88
Barabanova Ekaterina	P-29
Baron Q.R. Alfred	Invite-13 , Oral-14
Baturin Ivan	P-9 , P-22
Bejaoui ines	Oral-42
Bellaiche Laurent	Oral-17 , Oral-45
Belovickis Jaroslavas	Oral-2 , P-77
Bencan Andrea	P-16
Berthet P.	Oral-11
Birks Eriks	Invite-27 , P-51 , P-85
Bobić J.D.	Invite-17
Bogachev Victorovich Ivan	Oral-24
Bogdanov Alexander	Oral-40
Bogdanov Evgeniy	P-18
Bogicevic Christine	Invite-8
Bokov A. Alexei	Invite-21 , Oral-45 , P-76
Bondarev S. Vitaliy	Invite-6 , P-18
Bongkarn Theerachai	Oral-37 , P-36
Boonsong Paitoon	Oral-35
Bootta Muhammad	P-42
Borzdov M. Yu.	Oral-41
Bosak Alexei	Oral-14 , Oral-33
Brekhov Kirill	Oral-48
Bronwald Iurii	P-32
Bronwald Yurii	Oral-14

Buixaderas Elena	Oral-32
Buntov Maxim	P-13
Burkovsky Roman	Invite-12 , Oral-14 , P-32
Burton Paul Benjamin	Invite-3
Buscaglia V.	Invite-17
Bussmann-Holder Annette	Invite-26 , Oral-13
Butnoi Pichitchai	P-65

[C]

Chakoumakos Bryan	P-14
Chapron David	Oral-42
Chernyshov Dmitry	Oral-33 , P-32
Chezganov Dmitry	Oral-26 , P-17 , P-74
Chuvakova A. Maria	Oral-26 , P-13 , P-17 , P-22
Chyasnnavichyus Marius	P-14
Ciomaga C.E.	Invite-17
Cockayne E. Eric	Invite-3
Copet Christophe	P-88
Curecheriu L.	Invite-17
Czternastek Halina	P-1

[D]

Dai Zhonghua	P-53
Darinskii Mikhailovich Boris	Oral-18 , Oral-36
Dec Jan	Invite-31 , Oral-22 , Oral-31
	Oral-32 , Oral-44 , P-12
Dogan Gunay	Invite-3
Dotsenko I. I.	P-18
Doutre Florent	P-17
Dudarev Vladimirovich Vladimir	Oral-24
Dunce Marija	Invite-27 , P-51 , P-85
Duong Le Van	P-50
Dziaugys Andrius	P-5 , P-14 , P-86

[E]

Eitssayeam Sukum	P-3 , P-61 , P-63 , P-66
Eliseev A. Eugene	Oral-17
Elshin S. Andrey	Invite-27
Endo Yuichi	Invite-28
Ershov A. Aleksandr	P-78
Esin Alexander	P-9 , P-74

[F]

Filimonov Alexei	Oral-14
Fisher Craig	P-40
Flerov N. Igor	Invite-6 , P-18
Fontana D. Marc	Oral-42
Fortalnova A. Elena	Oral-23 , Oral-38
Fraygola Barbara	P-83
Fu Desheng	Oral4 , P-40
Fuith Armin	Invite-27
Fujii Yasuhiro	Invite-30 , Oral-30 , P-41
Fujii Tatsuo	P-4 , P-52 , P-70
Fujiwara Kosuke	Oral-10 , P-59 , P-70
Fukasawa Kazuki	Invite-28

Fukuda Tatsuo Oral-5
 Fukunaga Mamoru Oral-10 , P-70
 Funakubo Hiroshi Oral-19 , P-56

[G]

Gavalyan Yurevich Mamikon Oral-20
 Gehring Motz Peter Plenary-3
 Ghosh Anirban P-42
 Gimadeeva Lubov Oral-26 , P-17 , P-23
 Golovenchits Isaakovich Evgeny Oral-16
 Golubko V. Natalia Oral-23
 Gopman Dan Invite-3
 Gorev V. Mikhail Invite-6 , P-18
 Goryainov Sergey Oral-29
 Grigalaitis Robertas Invite-17 , P-42 , P-82 , P-83
 Grinberg Ilya Plenary-2
 Grishunin Kirill Oral-21 , Oral-48
 Grishunin A. Kirill Invite-24
 Gudim Anatolevna Irina Oral-15

[H]

Haborets Vasyl P-5
 Hafid Mustapha Oral-22
 Hagberg Juha Invite-27 , P-51
 Han Young-Soo Invite-11
 Handke Bartosz P-1
 Haruki Kohei Plenary-1
 Hashimoto Takuya P-55
 Haumont Raphaël Oral-11
 Hayashi Hidetaka Invite-7
 Hayashide Tadao Oral-1
 Hehlen Bernard Invite-8
 Helal Md Al P-20
 Hicher P. Oral-11
 Higai Shin'ichi P-37
 Hinokuma Satoshi P-52
 Hirose Sakyo Plenary-1
 Hlinka Jiri Invite-4 , Oral-45 , Oral-32
 Honda Atsushi P-37
 Honda Takashi P-72
 Horibe Yoichi P-70
 Horio Satoru P-72
 Hoshina Takuya Oral-43
 Hreščsac Jitka P-16

[I]

Ignatans Reinis Invite-27 , P-51
 Ikeda Naoshi Oral-10 , P-4 , P-52 , P-59 , P-70
 Ikegaya Taiki Oral-28
 Ikuji Keita P-34
 Ilyin Nikita Oral-21 , Oral-48
 Imai Tadayuki Invite-25
 Inaba Takaaki P-55
 Inaguma Yoshiyuki P-60

Inoue Ryotaro Invite-5
 Inoue Noriyuki P-37
 Intatha Uraivan P-63
 Intawin Prathana P-67 , P-71
 Ishibashi Yoshihiro Special Talk , Invite-32
 Ishihara Sumio Invite-1
 Ishii Yuta P-72
 Ishii Yui P-30 , P-39
 Itoh Mitsuru Oral-13 , P-47
 Ivanov Maksim Invite-17 , Oral-12 , Oral-21 , P-82
 P-83 , P-87

Ivanova Ivanovna Alexandra P-12
 Iwata Makoto Invite-32 , P-44
 Iwata Nobuyuki P-55

[J]

Jablonskas Dziugas Invite-17 , P-82
 Jaimeewong Piyaporn Oral-35
 Jaita Pharatree P-54 , P-61 , P-62 , P-65 , P-68 , P-69
 Janolin Eymeric Pierre Oral-10
 Jelen Piotr P-1
 Jeong Min-Seok P-75 , P-76
 Jeschke Gunnar P-88
 Jiansirisomboon Sukanda Oral-35
 Jitsukawa Shunsuke Oral-8

[K]

Kabelka Heinz Invite-27
 Kadlec Christelle Oral-32
 Kalendra Vidmantas P-88
 Kaleva M. Galina Oral-23
 Kalinin V. Sergei Oral-31
 Kalugina Nikolaevna Olga Oral-20
 Kamba S. Invite-17
 Kamnoy Manlika P-63
 Kanehara Kazuki Oral-43
 Kaneyasu Shinya P-31
 Kania Antoni Oral-22
 Kano Jun Oral-10 , P-4 , P-52 , P-70
 Karasudani Tomoyuki Oral-10 , P-59 , P-70
 Karpinsky V. Dmitry P-64
 Kartashev V. Andrey Invite-6 , P-18
 Kasano Hironobu P-31
 Katayama Daisuke Oral-30 , P-41
 Katayama Kiliha Oral-19 , P-56
 Kato Kazuo P-52
 Katou Takanori Oral-5
 Kauffmann Thomas Oral-42
 Kawaguchi Shogo P-30
 Kawaji Hitoshi P-31
 Kawakami Shuhei Oral-47 , P-81
 Kempa Martin Oral-32
 Khannanov Kh. Boris Oral-16

Kholkin L. Andrei	Oral-1 , P-16 , P-25 , P-74
Kiat Jean-Michel	Invite-8 , Oral-10
Kiguchi Takanori	Oral-19 , P-56
Kikuchi Atsushi	Oral-39
Kim Juyoung	Oral-5
Kim Tae-Hwan	Invite-11
Kim Yoonho	Oral-5
Kim Kwang Joo	P-75
Kimel Alexey	Oral-48
Kimmel Anna	Oral-40
Kimura Tsuyoshi	Plenary-1
Kimura Hiroyuki	Invite-2 , P-72
Kirillova Evgenia	P-50
Kishimoto Akira	Invite-7
Kitanaka Yuuki	P-28 , Invite-5
Kiyanagi Ryoji	Oral-1
Kizko V. Oksana	P-13
Kleemann Wolfgang	Invite-31 , Oral-31 , Oral-44
Klimeczyk Piotr	P-1
Ko Jae-Hyeon	P-75 , P-76
Ko Young Ho	P-75
Kobayashi Hiroyuki	Oral-10 , P-59 , P-70
Kobayashi Michihiro	P-89
Kobayashi Naoya	P-59
Koc Husnu	P-49
Kohutych A. Anton	P-6 , P-7
Kojima Seiji	Invite-25 , Invite-30 , P-20 , P-24 P-43 , P-73 , P-76
Kolchina Elizaveta	P-17
Komandin A. Gennady	P-79 , P-80
Konishi Ayako	P-40
Konno J. Toyohiko	Oral-19 , P-56
Koreeda Akitoshi	Oral-30 , P-41
Korotkov Leonid	P-18
Kovalevskii V.I.	Oral-41
Kowalczyk Radoslaw	P-2
Krayzman L. Victor	Oral-12
Kruea-In Chatchai	P-54
Krylov S. Alexander	Oral-15 , Oral-29 , P-57 , P-78
Krylova Svetlana	Oral-29
Kubo Momoji	Oral-3
Kugel Godefroy	Oral-22
Kumada Nobuhiro	Invite-28
Kundzinsh Maris	Invite-27
Kurihama Tadashi	P-34 , P-35 , P-38
Kurilkin V. Vladimir	Oral-38
Kuroiwa Yoshihiro	P-21 , P-37 , P-39
Kurushima Kosuke	P-30
Kuwabara Akihide	P-21 , P-40
Kuznetsov Dmitri	P-23
Kvashnin Vsevolod	P-17

Kvyatkovskii E. Oleg	Invite-29
[L]	
Laguta V. Valentyn	Oral-17
Lavrov Pavel	Invite-19 , P-10
Lazarev Petrovich Aleksandr	Oral-18
Leenakul Wilaiwan	P-61 , P-67
Leontiev Nikolai	Oral-14
Leontiev Igor	Oral-14
Lertcumfu Narumon	P-3
Levin Igor	Oral-12
Liu Shi	Plenary-2
Lu Cong	Oral-47 , P-81
Lupascu C. Doru	Oral-31
Lushnikov G. Sergey	Invite-29
[M]	
Mackeviciute Ruta	P-42 , P-83
Maczka Mirosław	P-2
Maiwa Hiroshi	Oral-7
Maksymovych Petro	P-14
Malic Barbara	P-16
Malinovsky V. K.	Oral-41
Malyskhina Vitalievna Olga	Oral-20 , P-11 , P-29
Mamedov M. Amirullah	Oral-9 , P-48 , P-49
Manotham Supalak	P-65 , P-69
Marini Carlo	Oral-13
Maruyama Hiroshi	P-81
Mashiyama Hiroyuki	Oral-34 , P-31
Mathrmool Krailas	Oral-37
Matsui Masahiro	P-35
Matsushita Eiko	P-38
Matsuura Masato	Invite-11
Medulych Mykola	P-5
Micheli Marc	P-17 , P-23
Miga Seweryn	Invite-31 , Oral-22 , Oral-44
Mikhaleva A. Ekaterina	Invite-6 , P-18
Mile J. Steven	P-62
Milovidova Dmitrievna Svetlana	P-11
Mimura Takanori	Oral-19
Mininger X.	Oral-11
Mishina D. Elena	Invite-24 , Oral-21 , Oral-48
Mita Yoshimi	P-89
Mitarashi Makoto	P-72
Mitoseriu L.	Invite-17
Mitrofanova Anna	Oral-38
Mitsui Takaya	Oral-10
Miyanaga Takafumi	Oral-13
Miyayama Masaru	Invite-5 , P-28
Mizuki Jun'ichiro	P-46
Mizumaki Masaichiro	P-21 , P-52
Mizutani Tsukasa	P-38
Mochida Tomoyuki	Oral-1 , P-89

Mogami Toru	P-44	
Molnar Alexandr	P-5	
Mori Tatsuya	P-73	
Mori Daisuke	P-60	
Mori Shigeo	P-30 , P-39	
Morimoto Yuka	Oral-43	
Morita Mitsuyoshi	Oral-30	
Moriwake Hiroki	P-40	
Moriyoshi Chikako	Invite-9 , P-21 , P-37 , P-39	
Morozovska N. Anna	Oral-17	
Moshkina Mihailovna Evgeniya		Oral-15
Mosunov V. Aleksandr	Oral-23	
Mougel Victor	P-88	
Mukhortov Vladimir	Oral-21	
Murakami Yochi	P-72	
Mysovsky Andrei	Oral-40	

【N】

Nagahashi Ryo	Invite-32	
Nagai Takayuki	Oral-6	
Nagata Hajime	Oral-4	
Nagata Tomoko	P-55	
Naka Makoto	Invite-1	
Nakahira Yuki	P-39	
Nakajima Nobuo	Oral-47 , P-45 , P-81	
Nakajima Akira	Oral-5	
Nakao Hironori	P-72	
Nakashima Kouichi	Invite-28	
Nakayama Tadachika	Oral-5	
Namikawa Kazumichi	P-46	
Nedin Dmitrievich Rostislav		Oral-24
Negashev Stanislav	P-26	
Neradovskiy Maxim	P-17 , P-23	
Nesterov Anatolievich Sergey		Oral-24
Nguyen Thuong Hoai	P-11	
Niewiadomski Adrian	Oral-22	
Niihara Koichi	Oral-5	
Nishihata Yasuo	Oral-5	
Nishimatsu Takeshi	Oral-3	
Nitiss Edgars	Invite-27	
Nitta Kiyofumi	P-21 , P-52	
Niwa Yasuhiro	P-45	
Noda Yukio	Oral-1 , P-72	
Nogas-čwikel Ewa	P-1	
Noguchi Yuji	Invite-5 , P-28	
Nozue Tomoya	Oral-8	
Nuraeva Alla	Oral-1 , P-25 , P-74	

【O】

Oganesyan Arturovich Pavel	P-50	
Ogawa Takafumi	P-40	
Ogawa Toshio	Oral-28	
Ogawa Tomohiro	P-41	

Ohkubo Tomoko	P-4	
Ohta Ryu	P-43	
Ohwada Kenji	P-46	
Okubo Tomoko	P-4 , P-52	
Okumura Koji	Plenary-1	
Oleaga Alberto	P-6 , P-7	
Oltulu Oral	Oral-9	
Ondrejko Petr	Oral-32	
Ono Sota	P-45 , P-81	
Onodera Akira	P-33	
Oreshonkov S. Aleksandr	Oral-29 , P-57 , P-78	
Osada Minoru	Invite-20	
Osaki Koji	P-4	
Oshima Keisuke	P-55	
Oshime Norihiro	Oral-10 , P-4 , P-52 , P-70	
Ozbay Ekmel	Oral-9 , P-49 , P-50	

【P】

Palaz Selami	Oral-9 , P-48 , P-49	
Palitsin Ilya	P-26	
Pandey Dhananjai	Invite-10	
Parjansri Piewpan	P-63 , P-66	
Pavlov Vasil'evich Sergey	P-27	
Pelegova V. Elena	P-13	
Pengpat Kamonpan	P-3 , P-61 , P-65 , P-67 , P-71	
Perantie Jani	Invite-27 , P-51	
Petro Vijatović M.M.	Invite-17	
Petrov Yuri	Oral-26	
Podgorny V. Yury	Invite-19 , P-10	
Politova D. Ekaterina	Oral-23 , Oral-38	
Porodinkov E. Oleg	P-79 , P-80	
Pronin P. Igor	Invite-24	
Prosandeev A. Sergey	Oral-17	
Pryakhina Victoria	P-26	
Pugachev Alexey	Oral-41	
Purans Juris	Oral-13	

【R】

Raevskaya I. Svetlana	Oral-17	
Raevski P. Igor	Oral-17	
Rahaman Md. Mijanur	Invite-25	
Rappe M. Andrew	Plenary-2	
Reinecker Marius	P-8	
Ren Wei	Invite-21	
Reznichenko Andreevna Larisa		Oral-46
Rijnders Guus	P-42	
Rocca Francesco	Oral-13	
Rogazinskaya Vladimirovna Olga		P-11
Rujijanajul Gobwute	P-3 , P-54 , P-61 , P-62 , P-65	
	P-68 , P-69	
Rysiakiewicz-Pasek Ewa	P-18	
Safronenko G. Marina	Oral-38	

【S】

Sahashi Akira	Oral-43	Solovyev Nikolaevich Arkadiy	P-50
Saint-Martin R.	Oral-11	Song Huaping	P-55
Saitoh Hiroyuki	P-60	Soprunyuk Victor	P-8
Sakai Akira	Oral-39	Spektor E. Igor	P-79 , P-80
Sakai Masahiro	P-58	Stefanovich Yu. Sergey	Oral-23
Sakakura Terutoshi	P-72	Sternberg Andris	Invite-27 , P-51 , P-85
Sakamoto Tadashi	Invite-25	Stock Chris	Invite-16
Sakanas A.	Invite-17	Stojanović B. D.	Invite-17
Sakata Osami	Oral-19 , P-56	Strikina Andreevna Ekaterina	P-57
Salazar Agustin	P-6 , P-7	Suchanicz Jan	P-1
Samulionis Vytautas	P-77	Sugawara Tadashi	Oral-1 , P-89
Sanina Aleksandrovna Victoria	Oral-16	Sumang - Rattiphorn	P-36
Sanjoom Ratabongkot	P-61 , P-62 , P-68	Surovtsev N. V.	Oral-41
Sano Akihiko	P-45	Suzuki Shunsuke	P-44
Satoh Takuya	Invite-18	Svirskas Sarunas	Invite-17 , Oral-2 , P-84 , P-85
Scheglov Petrovich Mikhail	Oral-16	Sweatman Denis	P-68
Schranz Wilfried	P-8	Sysa Artem	P-77
Seregin S. Dmitry	P-79 , P-80	【T】	
Seri Osami	Oral-39 , P-59	Tachibana Makoto	P-41
Setter Nava	P-83	Tagantsev K. Alexander	Invite-22
Shabbir Ghulam	P-19	Takase Kouichi	P-55
Shashkov Sergeevich Maksim	P-12	Takashima Hiroshi	P-47
Sherstyuk Natalia	Oral-21 , Oral-48	Takeda Shoichi	P-37
Shestakov P. Nikolay	P-78	Takeda Hiroaki	Oral-43
Shibata Hirotoshi	Oral-27	Takeda Masatoshi	Oral-5
Shibata Naoya	Invite-14	Takenaka Hiroyuki	Plenary-2
Shibata Toshiaki	P-89	Takesada Masaki	P-33
Shibata Tomohiko	P-73	Talanov V. Michail	Oral-46
Shigematsu Hirotake	Oral-34 , P-31	Tamenori Yusuke	P-52
Shikanai Fumihito	P-58	Tamura Itaru	Oral-1
Shimizu Daisuke	P-46	Tanabe Kenji	Oral-6
Shimizu Katsuya	Plenary-1	Tanaka Eri	P-30
Shimizu Takao	Oral-19 , P-56	Tanaka Hirohisa	Oral-5
Shin Seonhyeop	P-75 , P-76	Tanaka Michiyoshi	Invite-15
Shindoh Yamato	Oral-27	Tanaka Yoshikazu	Plenary-1
Shishkov Sergeevich Gleb	Oral-20	Taniguchi Hiroki	Oral-4 , Oral-6 , Oral-30 , P-21
Shur Ya. Vladimir	Invite-23 , Oral-26 , P-9 , P-13 , P-15 , P-16 , P-17 , P-22 , P-23 , P-25 , P-26 , P-74	Tawee Lalita	P-61 , P-62
Shvalya Vasyil	P-6 , P-7	Temba Chisato	Oral-47 , P-81
Shvartsman Vladimir	Oral-2 , Oral-31	Temerov Vladislav	Oral-15
Sidorkin Stepanovich Alexandr	Oral-36 , P-11	Teng Yong Jie	P-34 , P-35 , P-38
Sigov S. Alexander	Invite-19 , Invite-24 , Oral-18 , Oral-48 , P-10 , P-79 , P-80	Teranishi Takashi	Invite-7 , P-4
Silibin V. Maxim	Oral-2 , P-64 , P-77	Terasaki Ichiro	Oral-6 , Oral-30 , P-21
Simsek Sevkett	P-48	Timoshenko Janis	Oral-13
Sitalo I. Eugene	Oral-17	Tmerov Leonidovich Vladislav	Oral-15
Sitko Dorota	P-1	Todori Kazuhiro	P-70
Skaliukh Sergeevich Alexander	P-50	Tomita Yusuke	Oral-25
Smagin Ivan	Oral-38	Tronche Herve	P-17 , P-23
Sofronova Nikolaevna Svetlana	Oral-15	Troyanchuk O. Igor	P-64
Solnyshkin Alexander	Oral-15 , P-77	Tsuda Kenji	Invite-15
		Tsujimi Yuhji	P-44
		Tsukada Shinya	Invite-25 , Invite-30 , P-43 , P-58

Tsukasaki Hirofumi	P-30
Tsurumi Takaaki	Oral-43
Tunkasiri Tawee	P-3 , P-61 , P-68 , P-69
Turygin Anton	P-15 , P-16

【U】

Uchida Atsuko	P-31
Uchida Hiroshi	Oral-19
Udalov Artur	Oral-26
Ueda Hiroki	Plenary-1
Ueda Takeji	P-4 , P-52
Ueno Shintaro	Invite-28
Uesu Yoshiaki	Oral-27

【V】

Vakhrushev Sergey	Plenary-4 , Oral-14 , P-32
Vasilev Semen	P-25 , P-74
Vasileva Daria	P-25 , P-74
Vaskina M. Ekaterina	P-13 , P-22
Vatulyan Ovanesovich Alexander	Oral-24
Vlasov Evgenii	Oral-26 , P-17
Volkov Alexander	P-80
Voronov Vladimir	Oral-29
Vorotilov A. Konstantin	Invite-19 , P-10 , P-80
Vtyurin N. Alexander	Oral-15 , Oral-29 , P-57 , P-78
Vysochanskii M. Yulian	P-5 , P-6 , P-7 , P-14 , P-86

【W】

Wada Satoshi	Invite-28 , P-87
Waghmare V. Umesh	Oral-3
Wakabayashi Yusuke	Plenary-1
Walker Julian	P-16
Wang Chun	P-55
Wang Dawei	Oral-45
Watabe Yuta	P-55
Watanabe Miki	Invite-28
Watcharapasorn Anucha	Oral-35

【X】

Xie Yujuan	P-76
------------	------

【Y】

Yamada Noboru	Oral-15
Yamamoto Hiroshi	P-55
Yamanaka Satoru	Oral-5
Yasui Shintaro	P-45
Ye Zuo-Guang	Invite-21 , Oral-45 , P-76
Ye Feng	P-14
Yevych Ruslan	P-5
Yimnirun Rattikorn	P-36
Yokota Hiroko	Oral-8
Yoneda Yasuhiro	Oral-4
Yoshida Tasuku	P-4 , P-52
Yoshii Kenji	Oral-5
Yoshikawa Yumi	Invite-7

【Z】

Zamaraite Ilona	P-86
Zapart Wlodzimierz	P-2 , P-8
Zapart Bozena Maria	P-2 , P-8
Zayats Dmitriy	P-16
Zaytseva I. V.	Oral-41
Zelenovskiy Pavel	P-25 , P-74
Zhang Qi	P-55
Zhuang Jian	Invite-21
Zushi Junta	P-43

General Information

1. LAN

Wireless LAN is available at the conference site. Please make sure that your computer is protected by an up-to-date antivirus software.

2. Excursion and Banquet

Excursion:

Time: 13:30 - 18:00 on 22 June (Wed)

Place: national treasure Matsue-jo Castle
Horikawa Castle Moats Sightseeing Boat tour

Note: We will meet at the entrance of the conference site Kunibiki Messe at 13:30. Please make sure to arrive on time as we will take reserved Busses from there to the Matsue-jo Castle (10 min.). We will leave for the banquet place using chartered busses. It will take about 30 min.

Banquet:

Time: 19:00 - 21:00 on 22 June (Wed)

Place: Yuushien Graden
<http://www.yuushien.com/yuushien/language/english.html>

Note: Those who don't join the excursion will gather in front of "Matsue Universal Hotel", which is located on the south side of Matsue station at 17:15. Several chartered buses will be arranged for the journey to the banquet site, which should take about 30 min.

The banquet will be held at the room KOUYOUTEI, starting at 19:00. Before the banquet, you can relax and enjoy Japanese garden with welcome drinks

After the banquet, chartered busses will take us all to the JR Matsue station.

3. Bus Timetables from Matsue Station to Airports

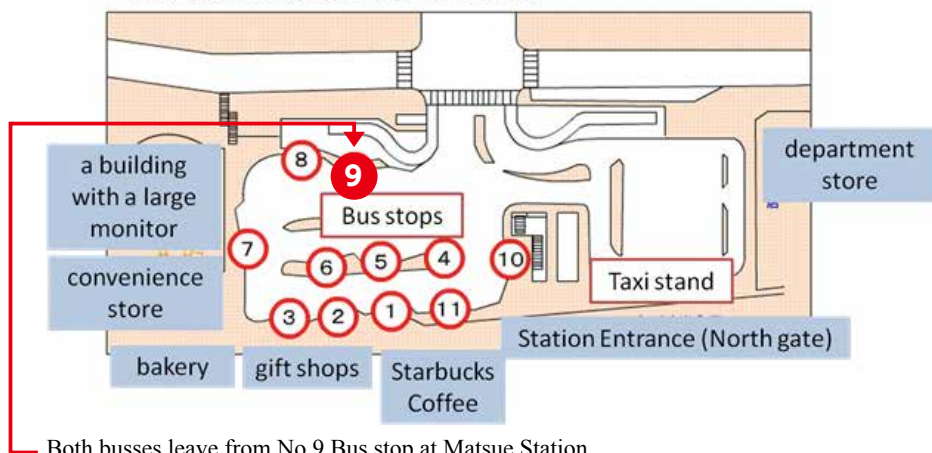
From Matsue Station to Izumo Airport From Matsue Station to Yonago Airport

From Matsue Station to Izumo Airport	
JR Matsue Station	Izumo Airport
6:30	7:00
7:40	8:10
8:05	8:35
9:55	10:25
10:15	10:45
11:00	11:30
14:10	14:40
14:40	15:10
15:05	15:35
15:35	16:05
15:55	16:25
17:50	18:20

From Matsue Station to Yonago Airport	
JR Matsue Station	Yonago Airport
6:00	6:45
7:25	8:10
10:15	11:00
13:10	13:55
15:10	15:55
16:20	17:05
19:30	20:15

4. Bus Timetables from Matsue Station to the conference site “Kunibiki Messe”

Matsue Station North Gate



Both busses leave from No.9 Bus stop at Matsue Station.

Useful Contact phones

*Symposium Chairman at conference site: Prof. Akishige (mobile) 080-4139-6291

*Secretary of Organizing Committee: Prof. Tsukada (mobile) 090-3544-8349

*Matsue Tourism information office : 0852-21-4034

(Opening Hours: 9:00 – 18:00 daily)

Session Titles & Chair Persons

June 20 (Mon.)			June 21 (Tue.)			June 22 (Wed.)			June 23 (Thu.)		
A		B	A		B	A		B	A		B
9:00	Opening KUROIWA Plenary 1 BANYS		9:00	Plenary 2 MORIYAKE		9:00	Plenary 3 MATSUURA		9:00	Vibrational Spectroscopy STOCK	Inhomogeneous structures & Phosphorous Chalcogenides HLINKA
9:20			9:15			9:15			9:15		
9:40			9:30			9:30			9:30		
			9:45			9:45			9:45		
			10:00			10:00			10:00		
10:40	Break 1		10:15	Break 4		10:15	Break 7		10:15		
			10:30			10:30			10:30		
11:15	Multiferroic, Organic Ferroelectrics BANYS	Inhomogeneous structures GEHRING	10:45	Inhomogeneous structures- Probing techniques VAKHRUSHEV		10:45	Inhomogeneous structures BOKOV	Sample preparation & techniques YE	10:45	Break 8	
11:30			11:00			11:00			11:00		
11:45			11:15			11:15			11:15		
12:00			11:30			11:30			11:30		
12:15			11:45			11:45			11:45		
12:30			12:00			12:00			12:00		
12:45			12:15			12:15			12:15		
13:00	Lunch 1		12:30			12:30	Lunch 3		12:30	Plenary 4 OHWADA	
13:15			12:45			12:45			12:45		
13:30			13:00			13:00			13:00		
			13:15			13:15			13:15		
13:45			13:30			13:30			13:30		
14:00			13:45								
14:15	Ferroelectrics for energy Application UESU	Structure and dynamics YONEDA	14:00	Films TERANISHI			Domains TSUDA				
14:30			14:15			14:30			14:30		
14:45			14:30			14:45			14:45		
15:00			15:00			15:00			15:00		
15:15			15:15			15:15			15:15		
15:30			15:30			15:30			15:30		
15:45			15:45								
16:00	Break 2		16:00	Break 5			Excursion				
16:15			16:15								
16:30	Ferroelectrics for energy Application FLEROV	Inhomogeneous structures H. KIMURA	16:30	Lead-free ferroelectrics STERNBERG		16:30	Domains & Dynamics KOJIMA				
17:00			16:45			16:45			16:45		
17:15			17:00			17:00			17:00		
17:30			17:15			17:15			17:15		
17:45	Break 3		17:30	Break 6		17:30			17:30		
18:00			17:45			17:45			17:45		
18:15			18:00			18:00			18:00		
	Poster Presentations 1			Poster Presentations 2							
			19:30								
19:45											

Program

June 20 (Mon.)			June 21 (Tue.)			June 22 (Wed.)			June 23 (Thu.)		
	A	B		A	B		A	B		A	B
9:00	Opening		9:00	RAPPE		9:00	GEHRING		9:00		
9:20	ISHIBASHI		9:15			9:15			LUSHNIKOV	KLEEMANN	
9:40	KIMURA		9:30			9:30			Sakai	Dec	
			9:45			9:45			9:45	Kimmel	Bokov
			10:00			10:00			10:00	TSUKADA	IWATA
10:40	Break 1		10:15	Break 4		10:15	Break 7		10:15		
11:00			10:30	BARON	BANYS	10:30	KOJIMA	STERNEBERG	10:30	Pugachev	Talanov
11:15	ISHIHARA	BURTON	10:45			10:45			10:45	Fortana	Nakajima
11:30	Noda	Nishimatsu	11:00	SHIBATA	Krylov	11:00	Shvartsman	Jaimeewong	11:00	Hoshina	Ilyin
11:45	Ivanov	Yoneda	11:15		Khamanov	11:15	Buxaderas	Sidorkin	11:15	Break 8	
12:00			11:30	TSUDA	SATOH	11:30	Bosak	Mathrmool	11:30		
12:15	KIMURA	HLINKA	11:45			11:45	BUSSMANN-HOLDER	Fortalnova	11:45		
12:30			12:00	STOCK	Laguta	12:00		Wada	12:00		
12:45			12:15		Darnskii	12:15	Mashiyama		12:15		
13:00	Lunch 1		12:30	Lunch 2		12:30	Lunch 3		12:30		
13:00			12:45								
13:15			13:00								
13:30			13:15			13:15					
13:45			13:30			13:30					
14:00	NOGUCHI	KIAT	13:45								
14:15			14:00								
14:30	Kim	MORIYOSHI	14:15	SIGOV	TAGANTSEV						
14:45	Nagai		14:30	Mimura	Tomita						
15:00	FLEROV	PANDEY	14:45	Malyskina	SHUR						
15:15			15:00	OSADA	Chezezanov						
15:30	Maiba	Krayzman	15:15								
15:45	Yokota	Anspoks	15:30	Sherstyuk	Uesu						
16:00	Break 2		15:45	Break 5			Excursion				
16:15			16:00								
16:30	TERANISHI	MATSUURA	16:15	Break 6							
16:45			16:30	YE	MISHINA						
17:00	Mamedov	BURKOVSKY	16:45	Kania	Ogawa						
17:15	Fujiwara		17:00	Politova	Vtyurn						
17:30	Haumont	Andronikova	17:15	Vatulyan	Fujii						
17:45	Break 3		17:30								
18:00			17:45								
18:15			18:00								
	Poster Presentations 1			Poster Presentations 2							
19:45			19:30				Banquet				