# Tentative Program at 31 March

<table>
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<tr>
<th>Time</th>
<th>16-Jun</th>
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20-Jun Morning Session
Multipurpose Hall  9:00-10:40

Opening
Special Talk  Yoshihiro ISHIBASHI
to be announced

Plenary1  Tsuyoshi KIMURA
Recent developments of the study on ferroelectricity coupled with magnetism

20 min. Break

Multipurpose Hall  11:00-12:30

Invite1  Sumio ISHIHARA
Dielectric and Magnetoelectric Effects in Organic Molecular Solid

Oral1  Andrei L. Kholkin
Dielectric and piezoelectric properties of self-assembled diphenylalanine microtubes

Oral2  Maksim Ivanov
Dielectric and Ferroelectric Investigation of P(VDF-TrFE)-based Composites

Invite2  Hiroyuki KIMURA
to be announced

Small Hall  11:00-12:30

Invite3  Roman BURKOFSKY
Formation of incommensurate phases in lead-based antiferroelectric perovskites at high pressure

Oral3  Yasuhiro Yoneda
Local Structure Analysis of Relaxor Pb(Mg_{1/3}Nb_{2/3})O_3

Oral4  Takeshi Nishimatsu
Molecular dynamics simulations of relaxor ferroelectrics with randomness

Invite4  Benjamin BURTON
First Principles Based Simulations of Relaxor Ferroelectrics: Domain Dynamics
20-Jun Afternoon Session

Multipurpose Hall  14:00-17:30

Invite5  Yuji NOGUCHI
Giant Photovoltaic Effect of Ferroelectric Domain Walls in Perovskite Single Crystals

Oral5  Juyoung Kim
Pyroelectric Power Generation with ferroelectrics (1-x)PMN-xPT

Oral6  Takayuki Nagai
Photo-dielectric effect in Zn:LaAlO₃

Invite6  Igor FLEROV
Caloric Effects in Some Ferroelectric and Ferroelastic Fluoride

Oral7  Hiroshi Miiwa
Electrocaloric Properties of K(Ta,Nb)O₃ Crystals and BaTiO₃-based Ceramics

Oral8  Hiroko Yokota
Element-specific investigations on multiferroic hexagonal ErFeO₃ thin film

30 min. Break

Invite7  Takashi TERANISHI
Lithium Ion Batteries with Polarization Assisted Ultrahigh Rate Capability

Oral9  Irina P. Makarova
Influence of Hydrogen Subsystems on Physical Properties in Proton Conductors

Oral10  Amirullah M. Mamedov
A5B6C7 Ferroelectrics as Novel Materials for Phononic Crystals

Small Hall  14:00-17:30

Invite8  Jean-Michel KIAT
Structural properties induced in nanocomposites and core-shell ferroelectric ceramics

Invite9  Chikako MORIYOSHI
Crystal Structure Analysis of Piezoelectric Materials under Electric Field: Time-resolved Single Crystal X-ray Diffraction Study

Invite10  Dhananjai PANDEY
Spin Glass and Relaxor Ferroelectric Transitions in BiFeO₃ and its Solid Solutions

Oral11  Victor L. Krayzman
Reentrant Dipole Glass 0.6BaTiO₃-0.4BiScO₃: Local Atomic Structure Revealed by Reverse Monte Carlo and Its Relation to Dielectric Properties

Oral12  Andris Anspoks
Local structure of SrTiO₃ and EuTiO₃ studied by X-ray absorption spectroscopy

30 min. Break

Invite11  Masato MATSUURA
Temperature and composition dependence of the neutron small angle scattering in the relaxor (1-x)Pb(Mg1/3Nb2/3)O₃-xPbTiO₃ (x = 0.30 and 0.37)

Invite12  Jirka HLINKA
Nanometer-range B-site order in PMN
21-Jun Morning Session
Multipurpose Hall  9:00-10:00
Plenary2  Andrew M. RAPPE
Bending Materials To Our Will: The Materials Design Of Ferroelectrics Through Coordinated Theory And Experimentation
30 min. Break

Multipurpose Hall  10:30-12:30
Invite13  Alfred Q. R. BARON
Opportunities for Investigating Phonons in Ferroelectrics via Inelastic X-ray Scattering at SPring-8
Invite14  Naoya SHIBATA
Electromagnetic field imaging of materials by scanning transmission electron microscopy
Invite15  Kenji TSUDA
Direct Observation of Symmetry Breaking in the Nanoscale Local Structure of the cubic phase of BaTiO$_3$ using STEM-CBED
Invite16  Chris STOCK
Columns, waterfalls, and the breakdown of phonon excitations in PbMg$_{1/3}$Nb$_{2/3}$O$_3$

Small Hall  10:30-12:30
Invite17  Juras BANYS
Multiferroic Composites
Oral13  Alexander Sergeevich Krylov
Investigation of structural and magnetic phase transitions in multiferroic rare-earth tetraborate crystals with huntite structure by Raman spectroscopy
Oral14  Boris Khakimzhanovich Khannanov
Room-temperature Electric Polarization Induced by Phase Separation in Multiferroic GdMn$_3$O$_5$
Invite18  Takuya SATOH
Writing and reading of an optical polarization state in hexagonal YMnO$_3$
Oral15  Valentyn V. Laguta
Anomalous Paramagnetolectric Effect In Magnetoelectric Multiferroics Pb(Fe$_{1/2}$Nb$_{1/2}$)O$_3$ And Its Solid Solution With PbTiO$_3$
Oral16  Boris Mikhailovich Darinskii
Thermodynamic Description of Magnetoelectric Effect and Phase Transitions in Antiferromagnetic Crystals
21-Jun Afternoon Session

Multipurpose Hall  14:00-17:30

Invite19  Alexander SIGOV
"True" leakage current in ferroelectric films

Oral17  Takanori Mimura
Growth of orientation-controlled ferroelectric HfO₂ thin films by solid phase crystallization and their characterization

Oral18  Olga Vitalievna Malyskhina
Characterization of laminated structures by thermal square wave method at single frequency

Invite20  Minoru OSADA
Engineering of dielectric/ferroelectric responses in layered perovskites: From 3D bulks to 2D nanosheets

Oral19  Natalia Sherstyuk
Local Experimental Studies Of Electric Field Distribution In Perforated Ferroelectric Films

30 min. Break

Invite21  Zuo-Guang YE
Ferroelectric-to-Relaxor Crossover in Lead-free Perovskite Solid Solutions

Oral20  Antoni Kania
Raman Scattering And Dielectric Studies, And Phase Transitions Of Ag₁₋ₓLiₓNbO₃ Ceramics

Oral21  Ekaterina D. Politova
Phase Formation and Ferroelectric Properties of Lead-Free Ceramics

Oral22  Alexander Ovanesovich Vatulyan
On modeling of functionally graded piezo materials

Small Hall  14:00-17:30

Invite22  Alexander TAGANTSEV
Properties of Charged Domain Walls: Predicted, Documented, Understood and not Understood

Oral23  Yusuke Tomita
Dynamics of Domain Boundaries of One-Dimensional Spin System with Long-Range Interactions

Invite23  Vladimir SHUR
Self-Organized Domain Structures and Self-Maintained Domain Growth in Ferroelectrics

Oral24  Dmitry Chezganov
Domain Formation by Focused Ion Beam in Lithium Niobate Single

Oral25  Yoshiaki Uesu
Direct Observations of Domain Reversal Process in LiNbO₃ Crystal Using the Phase-Sensitive SHG Microscope

30 min. Break

Invite24  Tatyana VOLK
Domain engineering in LiNbO₃-based optical waveguides and films with the use of microscopic methods.

Oral26  Toshio Ogawa
Elastic Constants in Piezoelectric Single Crystals and Ceramics Evaluated by Sound Velocities

Oral27  Alexander Vtyurin
Raman Scattering and Phase Transitions in Fluorides With Elpasolite Structure

Oral28  Yasuhiro Fujii
Broadband Micro Light Scattering Investigation on Ferroelectric Phase Transition of NaVO₃ with Pyroxene Type One Dimensional Oxygen-tetrahedral chain structure
22-Jun Morning Session
Multipurpose Hall  9:00-10:00

Plenary 3 Peter M. GEHRING
Neutron Studies of Excitations in Relaxors: Current Understanding and Future Directions

30 min. Break

Multipurpose Hall  10:30-12:30

Invite25 Seiji KOJIMA
Relaxor ferroelectric phase transitions of K(Ta$_1$,$x$Nb$_x$)$_3$O$_9$ crystals :Inelastic Light Scattering Study

Oral29 Vladimir Shvartsman
Spatially Resolved Studies of Polarization Dynamics in Uniaxial Relaxors Sr$_x$Ba$_{1-x}$Nb$_2$O$_6$

Oral30 Elena Buixaderas
Compositional dielectric behaviour and phonon dynamics in tetragonal tungsten-bronze Sr$_x$Ba$_{1-x}$Nb$_2$O$_6$

Oral31 Alexei Bosak
Disorder(s) in Sr$_{0.5}$Ba$_{0.4}$Nb$_2$O$_6$ as Seen in Diffuse Scattering

Invite26 Annette BUSSMANN-HOLDER
Relaxor ferroelectrics and intrinsic inhomogeneity

Oral32 Hiroyuki Mashiyama
Phase Transitions and the quantum effect in A$_2$BX$_4$-type Ferroelectric Crystals

Small Hall  10:30-12:30

Invite27 Andris STERNBERG
Phase Transitions in (1-$x$)Na$_{0.4}$Bi$_{0.5}$TiO$_3$-$x$CaTiO$_3$ Solid Solutions

Oral33 Kosuke Fujiwara
Dielectric properties and charge order of YbFe$_2$O$_4$ with controlled iron vacancy

Oral34 Piyaporn Jaimeewong
Enhanced Sinterability and Electrical Properties of Bi$_2$O$_3$-added Ba$_{0.85}$Ca$_{0.15}$Zr$_{0.1}$Ti$_{0.9}$O$_3$ Ceramics

Oral35 Alexandr Stepanovich Sidorkin
Influence of Internal Electric and Elastic Fields on Characteristics of Ferroelectric Materials

Oral36 Krailas Mathrmmool
Effect of fuel content on properties of KNLNTS Ceramics Prepared by the Solid State Combustion Technique

Oral37 Elena A. Fortalnova
Synthesis and Investigation of RE(III) Cation Substituted SBN and SBT Ceramics

Oral38 Elena D Mishina
Crystallization of Ferroelectric Nanostructures by Multipulse Femtosecond Laser

22-Jun Afternoon  Excursion & Banquet
23-Jun Morning Session

**Multipurpose Hall  9:00-11:30**

Invite28 Sergey LUSHNIKOV
to be announced

Oral39 Akira Sakai
Raman Scattering Study of Microcrystals of Perovskite Titanate

Oral40 Aleksandr S. Oreshonkov
High pressure Raman and lattice dynamics in ReO$_3$

Invite29 Shinya TSUKADA
Inhomogeneity in Perovskite Ferroelectrics Probed by Angle-Resolved Polarized Raman Scattering

Oral41 Alexey Pugachev
Interrelation between residual stress and ferroelectric phase transition in pressure-treated BaTiO$_3$ powder probed by nonlinear and inelastic light scattering

Oral42 Marc D Fontana
Vibrational Structure Of Ca-Doped Ferroelectric BaTiO$_3$ Crystals

Oral43 Nobuo Nakajima
X-Ray Spectroscopic Study of the Electric Dipole Moment in Paraelectric SrTiO$_3$

Oral44 Takuya Hoshina
Dielectric Property of Strontium Titanium Oxynitride Crystal

**Small Hall  9:30-11:30**

Invited30 Wolfgang KLEEMANN
Superdipolar Glass Ground State of Relaxors

Oral45 Jan Dec
Aging effect in the canonical relaxor system

Oral46 Alexei A. Bokov
Dielectric Relaxation of Relaxor Ferroelectrics Derived from First Principles

Invite31 Makoto IWATA
Linear and Nonlinear Permittivities in Pb(Zn$_{1/3}$Nb$_{2/3}$)O$_3$-PbTiO$_3$

Oral47 Michail V Talanov
The critical points on the $E$-$T$ and $x$-$T$ phase diagrams of multicomponent solid solutions based on relaxor ferroelectrics

Oral48 Nikita Ilyin
Photoinduced dynamics and femtosecond excitation of phonon modes in ferroelectric semiconductor Sn$_2$P$_2$S$_6$

Invite32 Yulian VYSOCHANSKII
Electronic Correlations And Ferroelectricity In Phosphorous Chalcogenides

**Multipurpose Hall  12:00-13:30**

Plenary4 Sergey VAKHRUSHEV
Crystalline structure and diffuse scattering in cubic perovskite-like ferroelectrics and antiferroelectrics

Closing
20-Jun POSTER SESSION 1
Exhibition Hall  18:00-19:30

Jan Suchanicz
Raman, Dielectric and Ferroelectric Properties of 0.975BaTiO3-0.025Pb(Zn1/3Nb2/3)O3 Ceramic

Maria Bozena Zapart
Domain Structure And Birefringence In KSc(WO4)2

Narumon Lertcumfu
Electrical Properties of Sodium Potassium Niobate /Mullite Ceramic Composites

Norihiro Oshime
Defect and Substitution Effect on the Band Structure of BaTiO3 Particles

Vasyl Shvalya
Thermal Characterization and Critical Behavior Study of (PbxSn1-x)3P2Se6

Vasyl Shvalya
Doping Effects on the Thermal Properties of Sn2P2S6 Ferroelectrics

Wlodzimierz Zapart
Low-Frequency Elastic Properties Of KSc(MoO4)2

Alexander Esin
The Giant Conduction Current along the Charged Domain Walls during Polarization Reversal in Lithium Niobate

Alexander S. Sigov
Leakage Currents in Porous PZT Films

Alexandr Stepanovich Sidorkin
Electrophysical Properties of Matrix Composites Nanocrystalline Cellulose - Triglycine Sulfate

Alexandra Ivanovna Ivanova
Effect of Ca, Sr and Ba distribution on the relaxor properties of CSBN single crystals

Andrey R. Akhmatkhanov
Domain Structure Evolution in KTP Crystals

Andrius Dziaugys
Ferroelectric ordering and domain structure in CuInP2Se6 layered crystal

Anton Pavlovich Turygin
Switching by the Grounded Tip and Local Charge Injection on the Non-polar Cuts of Lithium Niobate Crystal

Denis Alikin
Analysis of Domain Structure and Local Polarization Reversal Properties of Sr-doped K0.5Na0.5NbO3 Lead-free Piezoelectric Ceramics

Dmitry Chezganov
Domain Formation by Focused Ion Beam in Lithium Niobate Single

Ekaterina A. Mikhailova
Effect of a restricted geometry on thermal and dielectric properties of NH4HSO4 ferroelectric

Ghulam Shabbir
Field-induced ac-response of (111), (110) and (001) plane 0.67Pb(Mg1/3Nb2/3)O3-0.33PbTiO3 crystals

Helal Md Al
Brillouin Scattering and Elastic Constants of Relaxor Ferroelectric 0.44Pb(Mg1/3Nb2/3)O3-0.56PbTiO3 Single Crystals

Hiroki Taniguchi
Effects of Heterovalent Pb-Substitution on Ferroelectric Bismuth Silicate Bi2SiO5
Maria Artemovna Chuvakova
Polarization Reversal Process in Single Crystals of Lithium Tantalate with Intermediate Composition

Maxim Neradovskiy
Nanodomains Formation during the Fabrication of Waveguides by Different PE Methods

Md Aftabuzzaman
Memory Effects of Relaxor Ferroelectric 0.70Pb(Mg\textsubscript{1/3}Nb\textsubscript{2/3})O\textsubscript{3}-0.30PbTiO\textsubscript{3} Single Crystals Studied by Dielectric Spectroscopy

Michael Melo
Domain Dynamics, Fractal Growth and Optical Properties of Lanthanum-modified Lead Zirconate Titanate Thin Films

Pavel Zelenovskiy
Neutral and Charged Domain Walls in Organic Ferroelectric β-Glycine Microcrystals

Victoria Pryakhina
Polarization Reversal in the Interior of LiNbO\textsubscript{3} and LiTaO\textsubscript{3} Crystals with Modified Conductivity

Sergey Vasil’evich Pavlov
Classification of phenomenological models of phase transitions using the equivariant catastrophe theory (two-component order parameter)

Yuuki Kitanaka
Theoretical Calculations of Structural Coupling between Polarization and Octahedral Tilting in (Bi\textsubscript{1/2}Na\textsubscript{1/2})TiO\textsubscript{3}-Based Ferroelectrics

Ekaterina Barabanova
Structural features of ceramics based on PZT

Hiroyuki Tsukasaki
Microstructures in the ferroelectric phase of SrAl\textsubscript{2}O\textsubscript{4}

Hirotake Shigematsu
Heat Capacity, X-Ray Scattering and Neutron Scattering Studies in Rb\textsubscript{2}MoO\textsubscript{4} and Successive Phase Transition in A\textsubscript{2}BO\textsubscript{4}-type Crystals

Anna V Kimmel
Modelling of structure of Pb(Zr\textsubscript{0.6}Ti\textsubscript{0.4})O\textsubscript{3} using multiphase approach

Iurii Bronwald
Anisotropy Of Diffuse Scattering In PZT54 Single crystal

Akira Onodera
Structural Aspects in A-site Ordered Perovskite CaCu\textsubscript{3}Ti\textsubscript{4}O\textsubscript{12} : Colossal Dielectric Behavior and Ca/Cu Disordering

Keita Ikuji
Thermal Analysis and X-Ray Structural Studies on Phase Transitions in (NH\textsubscript{4})\textsubscript{2}Na(SO\textsubscript{4})\textsubscript{2}

Masahiro Matsui
DSC and Single-Crystal X-Ray Structural Studies on Phase Transitions in RbNaSO\textsubscript{4}

Rattiphorn - Sumang
Structure refinement and optical properties of microcrystalline [Ba\textsubscript{1-x}Y\textsubscript{x/3}][Zr\textsubscript{0.20}Ti\textsubscript{0.80}]O\textsubscript{3} perovskite

Shoichi Takeda
Off-centered Rare-earth Ion at A-site in BaTiO\textsubscript{3}-based Electroceramics

Tadashi Kurihama
Phase Transitions in NH\textsubscript{4}LiSO\textsubscript{4} and (NH\textsubscript{4})\textsubscript{3}Li(SO\textsubscript{4})\textsubscript{2}

Yuki Nakahira
Structural Fluctuation and Ferroelectric Phase Transition in Stuffed Tridymite-type Oxide BaAl\textsubscript{2}O\textsubscript{4}
Hiroki Moriwake
The origin of weak Ferroelectricity in room temperature phase AgNbO$_3$

Akitoshi Koreeda
Broadband Light-scattering Study on Fractal and Non-Fractal Relaxors

Daria Andronikova
Lattice Dynamics in The Lead-Zirconate Titanate with 0.7% of Ti Studied by Inelastic Scattering of Synchrotron Radiation

Ruta Mackeviciute
Electrical properties of PMN-33PT thin film at MPB

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

Shunsuke Suzuki
Soft-mode Behavior in Lanthanide-modified Bismuth Titanates

Sota Ono
Electric Field Response of BaTiO$_3$ Film studied by Time-Resolved X-Ray Absorption Spectroscopy
21-Jun POSTER SESSION 2
Exhibition Hall  18:00-19:30

Hiroshi Takashima
Thin film perovskite electroluminescence with BaTiO₃ films as insulating layers

Amirullah M. Mamedov
Fibonacci Sequences Quasiperiodic A5B6C7 Ferroelectric Based Photonic Crystals: FDTD analysis

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

Arkadiy Nikolaevich Solovyev
Non-Homogeneously Polarized Piezo Device Performance Analysis Using Applied Theory and ACELAN Package

Marija Dunce
Nature of Dielectric Polarization and Electrocaloric Effect in Polied and Depoled Na₀.₅Bi₀.₅TiO₃

Tasuku Yoshida
Valence Anomaly of Palladium Oxide Particles on BaTiO₃

Zhonghua Dai
Electrical properties of zirconium-modified BiScO₃- PbTiO₃ piezoelectric ceramics

Chatchai Kruea-In
Structure and Electrical Properties of Alumina Nanoparticles Modified-PZT Based Ceramics

Chun Wang
Preparation and Evaluation of BiFeO₃ Thin Films using Bi excess Bi₁₊ₓFeOₓ Target Synthesized by Pechini Method

Ekaterina Andreevna
Determination of Gruneisen Parameters in δ-BiB₃O₉crystal

Fumihiito Shikanai
Single-Crystal Growth of β-Tb₂(MoO₄)₃ and its Evaluation

Hiroyuki Kobayashi
Ferroelectric and Magnetic properties for nano particles of multiferroic YbFe₂O₄

Hiroyuki Saitoh
High-pressure Synthesis of Novel Ferroelectrics with the Aid of In-situ Synchrotron Radiation X-ray Diffraction Measurement

Lalita Tawee
Dielectric Properties of Ba₁₋ₓSrₓ(Fe₀.₅Ta₀.₅)O₃ Giant Dielectric Ceramics

Lalita Tawee
High Dielectric Constants Observed in BZT-SFN Ceramics

Manlika Kamnoy
Effects of BaTiO₃ Doped on Structural and Dielectric Properties of Bi₀.₅(Na₀.₈₀K₀.₂₀)₀.₅TiO₃ Ceramic

Marina Makarova
Formation of SrTiO₃ Platelet- and Shell-Like Inclusions from Ruddlesden-Popper Phases Using a Chemical Reaction

Maxim V. Silibin
Evolution of crystal structure and physical properties of Bi₁₋ₓPrₓFeO₃ ceramics across the rhombohedral-orthorhombic phase boundary

Pichitchai Butnoi
Effects of processing parameter on Phase transition and electrical properties of lead-free (Bi₀.₅Na₀.₈₀K₀.₂₀)₀.₅TiO₃ piezoelectric ceramics
Piewpan Parjansri
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

Prathana Intawin
Fabrication and properties of Transparent barium titanate glass ceramic nanocomposites

Ratabongkot Sanjoom
Effects of heating rate on Electrical Properties of modified BNKT based ceramics

Supalak Manotham
Effects of $\text{B}_2\text{O}_3$ 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

Tomoyuki Karasudani
Dielectric and magnetic properties of Mn doped $\text{YbFe}_2\text{O}_4(\text{YbFeO}_3)n$, $n=1$ single crystal

Prathana Intawin
Structural and Magnetic Properties of Glass-ceramic Nanocomposites Containing $\text{Ni}_{0.8}\text{Zn}_{0.2}\text{Fe}_2\text{O}_4$

Yuta Ishii
Resonant soft and hard X-ray scattering study of multiferroic $\text{SmMn}_2\text{O}_5$

Tatsuya Mori
Terahertz Dynamics of Pharmaceutical Indomethacin: Boson Peak Detection Using Terahertz Time-Domain Spectroscopy

Alla Nuraeva
Piezoelectric and Pyroelectric Properties of Diphenylalanine Microcrystals

Jae-Hyeon Ko
Equation of State of Methanol-ethanol Mixture determined by High-Pressure Brillouin Spectroscopy

Jae-Hyeon Ko
Acoustic Phonon Behaviors of $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ Single Crystals Studied by Brillouin Spectroscopy

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

Aleksandr A. Ershov
Vibrational spectra of $\text{PrF}_3$ crystals

Alexander S. Sigov
Terahertz-Infrared Dielectric Response of the $\text{CaPbTiO}_3$ Solid Solution

Alexander S. Sigov
Terahertz-Infrared Properties of Porous PZT-Films Deposited on Platinized Silicon

Cong Lu
Observation of the Flexoelectric Origin of a SrTiO$_3$ Single Crystal by X-ray Absorption and Resonant X-ray Emission Spectroscopies

Dziugas Jablonskas
Implementation of an improved non-linear susceptor

Robertas Grigalaitis
Electrical conductivity studies in partially strained epitaxial thin $\text{Ba}_{0.7}\text{Sr}_{0.3}\text{TiO}_3$ films

Sarunas Svirskas
Broadband Dielectric Spectroscopy of $0.83\text{Pb(Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$-$0.17\text{PbTiO}_3$ Single Crystal

Sarunas Svirskas
Dielectric, Infrared and Raman Studies of Lead-Free $x\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$-$(1-x)\text{Sr}_{0.7}\text{Bi}_{0.2}\text{Ti}_3\text{O}_3$ Solid Solutions

Ilona Zamaraite
Influence of Se and Pb on dielectric and ferroelectric properties of $\text{Sn}_2\text{P}_2\text{S}_6$ crystals
Sergejus Balciunas
Dielectric Properties of BaTiO$_3$-KNbO$_3$ Composites

Vidmantas Kalendra
Investigation of Titanium Surface Active Sites in Silica-Supported Catalysts using EPR and NMR Spectroscopy

Yoshimi Mita
Anomalous Raman Peaks of Intra-Molecular Hydrogen Bond Material 5-bromo-9-hydroxyphenalenone under Various Pressure and Temperature Conditions

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