

Quick Timetable

	Sunday, 15 th June	Monday, 16 th June	Tuesday, 17 th June	Wednesday, 18 th June	Thursday, 19 th June						
9:00 – 9:15		Opening									
9:15 – 10:00		Uesu		Cowley		Glazer	Lemanov				
10:00 – 10:20		Ishibashi	Watanabe	Shur	Klotins	Akishige	Kleemann	Onodera	Iwata		Closing
10:20 – 10:40								Yu			
10:40 – 11:00		Janssen	Sigov	Shur	Tornau	Strukov	Haumont	Balashova	Kuroiwa		
11:00 – 11:20				Hlinka				Adachi			
11:20 – 11:40		Vorobyov	Tsurumi	Pugachev	Skaliukh	Grabar	Mishina	Movchikova	Takesada		
11:40 – 12:00				Watanabe	Grebenev		Yoshi	Molak			
12:00 – 12:20		Coffee break		Coffee break		Coffee break					
12:20 – 12:40		Bussman-Holder	Tyunina	Kojima	Takenaka	Vysochanskii	Ter-Oganessian	Sakhnenko	Sakai		
12:40 – 13:00			Verkhovskaya				Yokota	Politova			
13:00 – 13:20		Sannikov	Suchanek	Banys	Petzelt	Odoulov	Klimov	Kania	Shabbir		
13:20 – 13:40	Lunch break		Lunch break		Lunch break						
13:40 – 14:00	Lunch break		Lunch break		Lunch break						
14:00 – 14:20	Lunch break		Lunch break		Lunch break						
14:20 – 14:40	Lunch break		Lunch break		Lunch break						
14:40 – 15:00	Lunch break		Lunch break		Lunch break						
15:00 – 15:20	Registration	Sakhnenko	Riekkinen	Pirc	Yagi	Flerov	Mamin	Raevski	Völkel	Excursion to Trakai	
15:20 – 15:40			Vizdrik								
15:40 – 16:00		Zhandun	Bartašytė	Ogawa	Mashiyama	Atake	Filipič	Grigas	Kempa		
16:00 – 16:20		Zhukovskii	Excursion	Dec	Tokunaga	Yoshida	Excursion	Naberezhnov	Taniguchi		
16:20 – 16:40		Sorokov		Shvartsman		Vtyurin		Bobnar	Smirnov		
16:40 – 17:00		Free time		Free time		Masuno		Sardarly	Koreeda		
17:00 – 17:20		Coffee break		Coffee break		Coffee break					
17:20 – 17:40		Poster session 1		Poster session 2		Free time					
17:40 – 18:00		Poster session 1		Poster session 2		Free time					
18:00 – 18:20		Poster session 1		Poster session 2		Free time					
18:20 – 18:40		Poster session 1		Poster session 2		Free time					
18:40 – 19:00		Poster session 1		Poster session 2		Free time					
19:00 – 19:20	Get together Party	Free time									
19:20 – 19:40		Free time									
19:40 – 20:00		Free time									
20:00 – 20:20		Free time									
20:20 – 20:40		Organ Concert in University Church									
20:40 – 21:00	Organ Concert in University Church						Conference banquet				

Theory	Thin films	Domains	Theory	Phase transitions	Multiferroics	Dielectric and Electronic Properties	Light, Neutron and EPR Spectroscopy
		Relaxors & dipolar glasses	Perovskites Quantum Effects				

Timetable

Sunday, 15th June

15:00 – 19:00	Registration
19:00 – 21:00	Get together Party

Monday, 16th June

9:00 – 9:15	Opening		
9:15 – 10:00	Plenary Lecture		
	Y.Uesu SHG Interference Tomography as a Tool of Material Diagnosis Chair: B.Strukov		
	Section 1 Theory Chairs: M.Tokunaga V.Sakhnenko	Section 2 Thin Films Chairs: Y.Akishige A.Vtyurin	Section 3 Domains Chairs: H.Mashiyama Yu.Vysochanskii
10:00 – 10:40	Y.Ishibashi (invited) Exact Expressions for the Dielectric Properties of the Finite Systems	Y.Watanabe (invited) Investigation of Properties of Clean Surface of Ferroelectric in UHV	V.Shur (invited) Domain Nanotechnology in Ferroelectrics: Nano-scale Domain Structures in Lithium Niobate
10:40 – 11:00	T.Janssen (invited) Phase transitions in aperiodic crystals: Landau theory in superspace	A.Sigov (invited) Ferroelectric and Multiferroic Thin Films and Nanostructures for Micro- and Optoelectronic applications	V.Shur In-situ Study of Fatigue Kinetics in Stoichiometric Lithium Tantalate Using Piezoresponse Force Microscopy
11:00 – 11:20			J.Hlinka The Khachatryan-Ginzburg-Landau-Devonshire Approach: Domain Walls in BaTiO ₃ and PbTiO ₃
11:20 – 11:40	O. Vorobyov (invited) Thermodynamics and dielectric anomalies in ionic conductors and intercalated crystal structures	T.Tsurumi (invited) Size Effect of Barium Titanate Based Nano-particles and Thin Films	A.M.Pugachev Central Peak In Raman Spectra Of Ferroelectric KDP And DKDP Crystals: Troubling Stereotypes
11:40 – 12:00			Y.Watanabe Reinterpretation of 180° Domain Theory through Examination of Its Consistency
12:00 – 12:20	Coffee break		
			Section 3 Relaxors & Dipolar Glasses Chairs: R.Pirc A.Sakai
12:20 – 12:40	A.Bussman-Holder (invited) Complexity In The Phase Diagram Of Perovskite Ferroelectrics	M.Tyunina Diffuseness of Phase Transitions in Thin-Film Perovskite Ferroelectrics	S.Kojima (invited) Micro-Brillouin Scattering of Relaxor Ferroelectrics
12:40 – 13:00		K.Verkhovskaya Dielectric Dispersion in Ultrathin Ferroelectric Polymer Films	
13:00 – 13:20	D.Sannikov Incommensurate Phases Induced by Electric Field in the Case of Ferroelectric Phase Transitions	G.Suchaneck Deposition of PZT thin films on copper-coated polymer foils – challenges and perspectives	J.Banys/J.Macutkevič Asymmetric Phase Diagram of Mixed CuInP ₂ (S _x Se _{1-x}) ₆ Crystals
13:20 – 15:00	Lunch break		

Monday, 16th June (continued)

	Section 1 Theory (continued) Chairs: T.Janssen Y.Ishibashi	Section 2 Thin Films (continued) Chairs: T.Tsurumi A.Sigov	Section 3 Relaxors & Dipolar Glasses (continued) Chairs: S.Kojima I.Flerov
15:00 — 15:20	V.Sakhnenko (invited) Ferroelectric phase transitions described by complex joint multiminima models	R.Riekkinen High Quality Varactors at High Frequencies for Wafer Level Processing	R.Pirc (invited) Dynamics of Relaxor Ferroelectrics and Dipolar Glasses
15:20 — 15:40		G.Vizdrik The Negative Capacitance of Polymer Langmuir Films Doped By Platinum	
15:40 — 16:00	V.Zhandun The lattice dynamics, ferroelectric and antiferroelectric instability and ferroelectric phase transition in disorder solid solutions $PbB'_{1/2}B''_{1/2}O_3$ ($B' = Ga, In, Lu$; $B'' = Nb, Ta$)	A.Bartašytė Estimation Of Residual Stress In Ferroelectric $PbTiO_3$ Thin Films By Raman Spectroscopy	T.Ogawa Mono-Domain Relaxor Single Crystal-Plates with Giant k_{31} Evaluated by FEM Analysis of Impedance Response
16:00 — 16:20	Y.Zhukovskii Effect of Oxygen Vacancies on the Atomic and Electronic Structure of Cubic ABO_3 Bulk and (001) Surface: Ab Initio Calculations	Excursion around old University	J.Dec Ferroelectric And Relaxor Features Of Single Crystalline Strontium-Barium Niobate
16:20 — 16:40	S.Sorokov Microscopic Theory Of The $Rb_{1-x}(NH_4)_xH_2PO_4$ Type Compound		V.Shvartsman Transformation to relaxor behavior in $BaTi_{1-x}Sn_xO_3$ and $BaTi_{1-x}Zr_xO_3$ solid solutions
16:40 — 17:00	Free time		Free time
17:00 — 17:20	Coffee Break		
17:20 — 19:00	Poster Session 1		
19:00 — 20:00	Free time		
20:00 — 20:40	Organ Concert in University Church		

Tuesday, 17th June

Plenary Lecture			
9:15 – 10:00	R.Cowley Soft Modes & Diffuse Ferroelectrics Chair: B.Strukov		
	Section 1 Theory Chairs: A.Bussman-Holder D.Sannikov	Section 2 Phase Transitions Chairs: M.Iwata V.Lemanov	Section 3 Multiferroics Chairs: R.Haumont H.Yokota
10:00 – 10:40	E.Klotins (invited) Critical mode coupled to the heat bath and implications of ab initio thermodynamics	Y.Akishige (invited) Ferroelectric Properties of KF-doped BaTiO ₃ and BaTi ₂ O ₅	W.Kleemann (invited) Basics and Applications of Ordered and Disordered Magnetoelectrics
10:40 – 11:20	E.Tornau (invited) Ising Model With Long Range Interactions: Phase Diagram, Transition Order And Dynamics Of Stripe Structures	B.Strukov (invited) Comprehensive Study of Ferroelectric Properties of LaBGeO ₅ Crystals	R.Haumont (invited) Temperature & Pressure Structural Instabilities in Multiferroic BiFeO ₃
11:20 – 11:40	A.S.Skaliukh One Dimensional Model for the Polycrystalline Ferroelastics	A.A.Grabar (invited) Doping of Sn ₂ P ₂ S ₆ Ferroelectric Crystals for Photorefractive Applications	E.Mishina Magnetoelectric Effects In Single- And Double Phase Multiferroics Studied By Second Harmonic Generation
11:40 – 12:00	V.V.Grebenev Ferroelastic Phase Transition in K ₃ H(SO ₄) ₂ Crystal		K.Yoshi Magnetic and Dielectric Properties of R _{0.5} Ca _{0.5} MnO ₃ (R=Eu-Lu)
12:00 – 12:20	Coffee break		
	Section 1 Perovskites Chairs: Y.Kuroiwa G.Vizdrik		
12:20 – 13:00	T.Takenaka(invited) Phase relations and piezoelectric properties of the lead-free (Bi _{1/2} Na _{1/2})TiO ₃ - (Bi _{1/2} K _{1/2})TiO ₃ - BaTiO ₃ solid solution system	Yu.Vysochanskii (invited) Lattice Multistability and Electronic Lone Pair Relaxation for Sn ₂ P ₂ S ₆ Type Ferroelectrics	N.Ter-Oganessian Magnetoelectrics With Perovskite-like Structure H.Yokota SHG Microscope Observations Of Domain Structures In Multiferroic BiFeO ₃
13:00 – 13:20	J.Petzelt Terahertz Ferroelectric Phase-Transition Dynamics in BaTiO ₃	S.Odoulov Pockels tensor of ferroelectric Sn ₂ P ₂ S ₆ evaluated by all-optical technique	A.Klimov Giant Magnetoresistance Effect in Narrow-Gap Ferroelectric-Semiconductor PbSnTe:In
13:20 – 15:00	Lunch break		

Tuesday, 17th June (continued)

	Section 1 Quantum Effects Chairs: M.Takesada J.Petzelt	Section 2 Phase Transitions (continued) Chairs: H.Yokota I.P.Aleksandrova	Section 3 Multiferroics (continued) Chairs: W.Kleemann A.Onodera
15:00 – 15:40	T.Yagi (invited) Soft-mode Dynamics in the Ferroelectric Phase Transition of Quantum Paraelectric SrTiO ₃	I.Flerov (invited) Ferroelectric And Ferroelastic Phase Transitions In Some Oxyfluorides A ₂ A'MO _x F _{6-x} With Elpasolite- Cryolite Structure	R.Mamin Extreme Magnetoelectric Properties and Local Long-Living Induced Polar States on the Surface in Manganites
			A. Levstik Magnetoelectric relaxor
15:40 – 16:00	H.Mashiyama (invited) Quantum Effects at Low Temperature Phase Transitions In Ferroelectric Crystals – Experiments & Models	T.Atake The giant particle size effect on the phase transition of tridymite compounds, ACoPO ₄ (A: alkali metal)	C. Filipič Polaron Conductivity Mechanism in Magnetoelectric K ₃ Fe ₅ F ₁₅
16:00 – 16:20		T.Yoshida Heat Capacity and Phase Transition Properties of (1- x)Pb(Mg _{1/3} Nb _{2/3})O ₃ – xPbTiO ₃	Excursion around old University
16:20 – 16:40	M.Tokunaga(invited) Theoretical Investigation of the Isotope-induced Ferroelectric Phase Transition in Quantum Paraelectric Strontium Titanate	A.Vtyurin Pressure-Induces Phase Transition in Cubic ScF ₃ Crystal	
16:40 – 17:00		A.Masuno Structure and Physical Properties of Metastable Hexagonal LuFeO ₃	
17:00 – 17:20	Coffee Break		
17:20 – 19:00	Poster Session 2		

Wednesday, 18th June

Plenary Lecture			
9:15 – 10:00	<p>M.Glazer The Structural Controversy in PZT</p> <p style="text-align: right;">Chair: V.Lemanov</p>		
	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"> <p>Section 1</p> <p>Dielectric and Electronic Properties</p> <p>Chairs: Y.Takagi A.A.Volkov</p> </td> <td style="width: 50%; text-align: center;"> <p>Section 2</p> <p>Light, Neutron and EPR Spectroscopy</p> <p>Chairs: G.E.JangLim G.Völkel</p> </td> </tr> </table>	<p>Section 1</p> <p>Dielectric and Electronic Properties</p> <p>Chairs: Y.Takagi A.A.Volkov</p>	<p>Section 2</p> <p>Light, Neutron and EPR Spectroscopy</p> <p>Chairs: G.E.JangLim G.Völkel</p>
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<p>M.Adachi</p> <p>Zero Temperature Compensated Microwave Dielectric Properties of $\text{Ca}_{0.8}\text{Sr}_{0.2}\text{TiO}_3$-$\text{Li}_{0.5}\text{Ln}_{0.5}\text{TiO}_3$ System</p>			
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13:20 – 15:00	Lunch break		

Wednesday, 18th June (continued)

	Section 1 Dielectric and Electronic Properties (continued) Chairs: T.Yagi A.Onodera	Section 2 Light, Neutron and EPR Spectroscopy (continued) Chairs: E.Klotins M.Adachi	
15:00 – 15:20	I.P.Raevski Dielectric and Mössbauer Studies of High-Permittivity BaFe _{1/2} Nb _{1/2} O ₃ Ceramics with Cubic and Monoclinic Perovskite Structures	G.Völkel (invited) Order-Disorder Phenomena in Ferroelectrics Studied by Electron Paramagnetic Resonance	Excursion around old University
15:20 – 15:40	S.J.Raevskaja Bias Field Effect on the Temperature Dependences of Piezoelectric and Pyroelectric Properties of (1-x)Pb(Mg _{1/3} Nb _{2/3})O ₃ – xPbTiO ₃ (x=0.06, 0.13 and 0.20) Single Crystals		
15:40 – 16:00	J.Grigas XPS of Electronic Structure of Ferroelectric Sn ₂ P ₂ S ₆ Crystal	M.Kempa High Pressure Lattice Dynamics of PbTiO ₃	
16:00 – 16:20	N.Naberezhnov Properties and Structure of Confined Solid Solutions NaNO ₂ – KNO ₂ .	H.Taniguchi Light Scattering Study on Low-Temperature Soft-Mode-Type Phase Transitions	
16:20 – 16:40	V. Bobnar Exceptional Dielectric Properties of Newly Developed All-Ceramic Percolative Composites	L.Smirnov Study of resonance rotational tunneling transitions of ammonium ions in mixed crystal of Me _{1-x} (NH ₄) _x Y (Me=K, Rb; Y=Cl, Br, I) by inelastic incoherent neutron scattering	
16:40 – 17:00	R.Sardarly Conduction Anisotropy Of Intercalated Relaxor TlInS ₂ <Ge> Ferroelectrics	A.Koreeda Quasielastic Light Scattering and Second Sound in SrTiO ₃	
17:00 – 17:20	Coffee Break		
17:20 – 19:00	Free time		
19:00 – 21:00	Conference Banquet		

Thursday, 19th June

9:15 – 10:00	<p style="text-align: center;">Plenary Lecture</p> <p>V.Lemanov Relaxor Behavior in Perovskite Ferroelectrics</p> <p style="text-align: right;">Chair: Y.Uesu</p>
10:00 – 10:30	<p style="text-align: center;">Closing</p>
10:30 – 12:40	<p style="text-align: center;">Free time</p>
12:40 – 19:00	<p style="text-align: center;">Excursion to Trakai</p>

Poster List

(Listed in no particular order)

Session 1

Monday, 16th June 17.20-19.00

1. D.G.Sannikov
Incommensurate Phase Described by Two Different Thermodynamic Potentials
2. A.Say, I.Girnyk, O.Vlokh, R.Vlokh
Thermal Expansion And Domain Structure Near the Isolated Point In $K_2Cd_{2x}Mn_{2(1-x)}(SO_4)_3$ Langbeinites
3. B.Garbarz-Glos, W.Śmiga, M.Antonova, A.Kalvane, R.Bujakiewicz-Korońska, M.Dambekalne
Synthesis, Microstructure and Dielectric Properties of $Ba(Zr,Ti)O_3$
4. W. Śmiga, B.Garbarz-Glos, M. Antonova, A.Kalvane, Cz. Kuś
Structural and Dielectric Properties of Sodium Lithium Niobate Ceramic Solid Solution $Na_{0.995}Li_{0.005}NbO_3$
5. I.Aulika, A.Dejneka, V.Zauls, and K.Kundzins
Optical properties of BST/PZT nanocomposite superlattices studied by spectroscopic ellipsometry
6. H.Takashima, K.Shimada, N.Miura, Y.Inaguma and M.Itoh
Photoluminescence of Perovskite $SrTiO_3$: Pr, Al Epitaxial Thin Films
7. E. Dul'kin, E. Mojaev, M. Roth, S. Greicius, T. Granzow
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