

TUESDAY, June 20 (Morning 1) COST 539 MEETING

<p>8³⁰ - 8⁴⁵ 8⁴⁵ - 9⁰⁰</p>	<p>COST I-01 SMART SOFT-MECHANOCHEMICAL SYNTHESSES OF FERROELECTRIC AND FERROMAGNETIC FINE PARTICULATES M. SENNA¹, T. KINOSHITA¹, H. KISHI², C. ANDO², Y. DOSHIDA² ¹Faculty of Science and Technology, Keio University. Yokohama. Japan. ²Material Development Department, Taiyo Yuden Co., Ltd. Haruna- Machi. Japan. senna@applc.keio.ac.jp</p>
<p>9⁰⁰ - 9¹⁵</p>	<p>COST O-01 INFLUENCE OF INITIAL COMPONENT NATURE ON MECHANOCHEMICAL SYNTHESIS OF LANTHANUM COMPOUNDS E. AVVAKUMOV, K. PAICHADZE, N. LYAKHOV Institute of Solid State Chemistry and Mechanochemistry Siberian Branch of Russian Academy of Sciences. Novosibirsk. Russia avvakumov@solid.nsc.ru</p>
<p>9¹⁵ - 9³⁰</p>	<p>COST O-02 THE STUDY OF THE MECHANOCHEMICAL SYNTHESIS OF NaNbO₃ T. ROJAC¹, O. MASSON², R. GUINEBRETIERE², M. KOSEC¹, B. MALIČ¹, J. HOLC¹ ¹Institute Jozef Stefan. Ljubljana. Slovenia. ²Science des Procédés Céramiques et de Traitements de Surface, Université de Limoges, Faculté des Sciences. Limoges. France. tadej.rojac@ijs.si</p>
<p>9³⁰ - 9⁴⁵</p>	<p>COST O-03 HORIZONTAL HIGH ENERGY BALL MILL PROCESSING R. HONGMING, Z. HENNING, H.U. BENZ ZOZ GmbH. Wenden. Germany. ren@zoz.de</p>
<p>9⁴⁵ - 10⁰⁰</p>	<p>COST O-04 SYNTHESIS AND CHARACTERIZATION OF THE (1-x)SrTiO₃:xNaNbO₃ SOLID SOLUTION PREPARED BY A MECHANOCHEMICAL ACTIVATION ROUTE T. HUNGRÍA, M. ALGUERÓ, A. CASTRO Instituto de Ciencia de Materiales de Madrid (ICMM-CSIC). Cantoblanco. Madrid. Spain. thungria@icmm.csic.es</p>
<p>10⁰⁰ - 10¹⁵</p>	<p>COST O-05 MECHANICALLY ASSISTED SYNTHESIS OF BISMUTH TITANATE CERAMIC POWDERS Z.Ž. LAZAREVIĆ¹, M. MITRIĆ², M. JOVALEKIĆ³, L.J. ŽIVKOVIĆ⁴, B.D. STOJANOVIĆ³ ¹Institute of Physics. Belgrade. Serbia and Montenegro. ²Vinča Institute of Nuclear Sciences. University of Belgrade. Belgrade. Serbia and Montenegro. ³Center for Multidisciplinary Studies. University of Belgrade. Belgrade. Serbia and Montenegro. ⁴Faculty of Electronic Engineering. University of Nis. Serbia and Montenegro. biljana@ibiss.bg.ac.yu</p>
<p>10¹⁵ - 10³⁰</p>	<p>COST O-06 CHALLENGES IN TITANATE PEROVSKITE CERAMICS B. STOJANOVIC Center for Multidisciplinary Studies. University of Belgrade. Belgrade. Serbia & Montenegro. biljana@ibiss.bg.ac.yu</p>
<p>10³⁰ - 11³⁰</p>	<p>CAFÉ + SESIÓN PÓSTER</p>

TUESDAY, June 20 (Morning 2) COST 539 MEETING (Cont.)	
11 ³⁰ - 11 ⁴⁵	COST O-07 PARTICLE SIZE MEASUREMENT OF NANOSIZED CERAMIC POWDERS P. BOWEN. Powder Technology Lab, EPFL. EPFL-STI-IMX-LTP. Lausanne. Switzerland. paul.bowen@epfl.ch
11 ⁴⁵ - 12 ⁰⁰	COST O-08 ANOMALIES OF ESR SPECTRA OF BaTiO₃ NANOPOWDERS I. BYKOV, M. GLINCHUK, I. KONDAKOVA, A. SLIPENYUK, V. LAGUTA, A. RAGULYA Institute for Problems of Materials Science, NASc of Ukraine. Kiev. Ukraine. bykov@ipms.kiev.ua
12 ⁰⁰ - 12 ¹⁵	COST O-09 CHARACTERIZATION OF NANOSTRUCTURES BY INFRARED SPECTROSCOPY V. ZELEZNY1, I. SZAFRANIAK2, M. ALEXE3 1Institute of Physcs, ASCR. Praha 8. Czech Republic. 2Poznan University of Technology. Poznan. Poland. 3Max-Planck-Institut Fur Mikrostrukturphysik. Halle. Germany. zelezny@fzu.cz
12 ¹⁵ - 12 ³⁰	COST O-10 PEROVSKITE PARTICLES AND NANOSTRUCTURES BY SELF-ASSEMBLY V. CALDERONE1, A. TESTINO1, M.T. BUSCAGLIA2, M. VIVIANI2, V. BUSCAGLIA2, P. NANNI1 1Dept. of Process and Chemical Engineering, University of Genoa. Genoa. Italy. 2Inst. of Energetics and Interphases, National Research Council. Genoa. Italy. r.calderone@ge.ieni.cnr.it
12 ³⁰ - 12 ⁴⁵	COST O-11 STRUCTURAL PROPERTIES OF GADOLINIUM DOPED EUROPIUM SYNTHESIZED THROUGH AEROSOL M.E. RABANAL1, L. GOMEZ1, A. KHALIFA1, J.M. TORRALBA1, L. MANCIC2, O. MILOSEVIC2 1Universidad Carlos III de Madrid. Leganés. Madrid. Spain. 2Institute of Technical Sciences of Sasa. Belgrade. Serbia & Montenegro. eugenia@ing.uc3m.es
12 ⁴⁵ - 13 ⁰⁰	COST O-12 PRODUCTION OF NANOSCALED COMPLEX OXIDE POWDERS BY SPRAY PYROLYSIS K. WIJK, Ø.S. ANDERSEN, M.A. EINARSRUD, T. GRANDE Dpt.of Materials Science and Engineering, Norwegian University of Science and Technology (NTNU). Trondheim. Norway. kjell.wiik@material.ntnu.no
13 ⁰⁰ - 13 ¹⁵	COST O-13 EVOLUTION OF YTTRIUM ALUMINIUM GARNET PARTICLE STRUCTURE DERIVED FROM AEROSOL L. MANCIC1, Z. MARINKOVIC STANOJEVIC2, G. DEL ROSARIO3, O. MILOSEVIC1 1Institute of Technical Science of Sasa. Belgrade. Serbia and Montenegro. 2Center for Multidisciplinary Study University of Belgrade. Belgrade. Serbia and Montenegro. 3Technological Support Center, University Rey Juan Carlos I. Móstoles (Madrid). Spain. lydia@itn.sanu.ac.yu
13 ¹⁵ - 13 ³⁰	COST O-14 SYNTHESIS, STRUCTURAL AND LUMINESCENT PROPERTIES OF CaSiO₃:Pr³⁺ NANOPOWDER M. DRAMICANIN1, Z. ANDRIC1, P. GOLDNER2 1Institute of Nuclear Sciences - Vinča. Belgrade. Serbia & Montenegro. 2Laboratoire de Chimie Appliquée de L'État Solide CNRS. Paris. France. dramican@vin.bg.ac.yu
13 ³⁰ - 15 ⁰⁰	COMIDA

TUESDAY, June 20 (Evening 1) COST 539 MEETING (Cont.)	
15 ⁰⁰ - 15 ¹⁵ 15 ¹⁵ - 15 ³⁰	<p>NANOTECH I-02 FERROELECTRIC GATES FOR CONTROL OF 2D ELECTRON GAS AT SEMICONDUCTOR HETEROINTERFACES AND FERROELECTRIC DOMAIN LITHOGRAPHY I. STOLICHNOV Ecole Polytechnique Fédérale de Lausanne (EPFL), Laboratory of Ceramics, Lausanne, Switzerland.</p>
15 ³⁰ - 15 ⁴⁵	<p>COST O-15 PIEZOELECTRIC NANO-WIRES: FABRICATION AND PROPERTIES N. SETTER, W. MA, N. KLEIN, E. VASCO, G. SUYAL, E. COLLA Ceramics Laboratory. Swiss Federal Institute of Technology-EPFL. Lausanne. Switzerland. nava.setter@epfl.ch</p>
15 ⁴⁵ - 16 ⁰⁰	<p>COST O-16 CHEMICAL VAPOR SYNTHESIS AND CHARACTERIZATION OF NANOCRYSTALLINE ZINC OXIDE J. WEI, M. WINTERER Nanoparticle Process Technology. Department of Engineering Sciences. University Duisburg-Essen. Duisburg. Germany. markus.winterer@uni-duisburg.de</p>
16 ⁰⁰ - 16 ¹⁵	<p>COST O-17 TITANIA-BASED NANOTUBES AND NANOWIRES: SYNTHESIS AND CHARACTERIZATION R. DJENADIC¹, L. NIKOLIC¹, B. STOJANOVIC², V. SRDIC¹ ¹Department of Materials Engineering, Faculty of Technology. Novi Sad. Serbia and Montenegro. ²Centre for Multidisciplinary Studies, University of Belgrade. Belgrade. Serbia and Montenegro. djenadic@tehnol.ns.ac.yu</p>
16 ¹⁵ - 16 ³⁰	<p>COST O-18 NANOSTRUCTURED METAL OXIDES PREPARED BY AQUEOUS SOLUTION SYNTHESIS ROUTES H. VAN DEN RUL^{1,2}, M. VAN BAEL^{1,2}, J. MULLENS¹ ¹Hasselt University - Institute for Materials Research. Diepenbeek. Belgium. ²IMEC vzw - Division IMOMEK. Diepenbeek. Belgium. heidi.vandenrul@imec.be</p>
16 ³⁰ - 17 ³⁰	CAFÉ + SESIÓN PÓSTER

TUESDAY, June 20 (Evening 2) COST 539 MEETING (Cont.)

17³⁰ - 17⁴⁵	<p>COST O-19 OVERVIEW OF PROCESSES ON NANOSIZED DIELECTRICS D. HENNINGS, P. CHRISTIAN Forschungszentrum Jülich GmbH. Jülich. Germany. d.hennings@fz-juelich.de</p>
17⁴⁵ - 18⁰⁰	<p>COST O-20 LOW TEMPERATURE SYNTHESIS OF YTTRIUM-ZINC-FERRITES NANOPOWDERS L. DJACANIN¹, Z. CVEJIC², S. RAKIC², M. MALETIN¹, E.G. MOSHOPOULOU³, V.V. SRDIC¹ ¹Faculty of Technology, University of Novi Sad. Novi Sad. Serbia & Montenegro. ²Faculty of Science, University of Novi Sad. Novi Sad. Serbia & Montenegro. ³National Center for Scientific Research "DEMOKRITOS". Agia Paraskevi. Athens. Greece. djacanin@apv-nauka.ns.ac.yu</p>
18⁰⁰ - 18¹⁵	<p>COST O-21 INFLUENCE OF SiO₂ ADMIXTURE ON PbTiO₃ CRYSTALLIZATION IN PbTiO₃-SiO₂ NANOCOMPOSITE POWDERS PREPARED BY SOL-GEL TECHNIQUE P. VANEK, M. CERNANSKY, K. KRAL, R. KRUPKOVA Institute of Physics ASCR. Praha. Czech Republic vanek@fzu.cz</p>
18¹⁵ - 18³⁰	<p>COST O-22 SINTERING OF GADOLINIA-DOPED CERIA PREPARED BY MECHANOCHEMICAL SYNTHESIS K. MACA, J. CIHLAR, O. ZMESKAL Brno University of Technology. Brno. Czech Republic. maca@fme.vutbr.cz</p>
18³⁰ - 18⁴⁵	<p>COST O-23 WET CHEMICAL DEPOSITION OF BaTiO₃ NANOPOWDERS IN MESOSCOPIC LAYERS T. SCHNELLER Institute for Electronic Materials, RWTH Aachen. Aachen. Germany. schneller@iwe.rwth-aachen.de</p>
18⁴⁵ - 19⁰⁰	<p>COST O-24 CHARACTERIZATION OF Pb(Zr,Ti)O₃ PREPARED BY AN ALKOXIDE-BASED SOL-GEL SYNTHESIS WITH DIFFERENT HYDROLYSIS CONDITIONS E.D. ION^{1,2}, B. MALI¹, I. ARCON^{3,1}, A. KODRE^{4,1}, M. KOSEC¹ ¹Jožef Stefan Institute. Ljubljana. Slovenia. ²National Institute of Materials Physics. Bucharest. Romania ³Nova Gorica Polytechnic. Nova Gorica. Slovenia. ⁴Faculty of Mathematics and Physics. Ljubljana. Slovenia. elena.ion@ijs.si</p>

WEDNESDAY, June 21 (Morning 1) COST 539 MEETING (Cont.)

<p>8³⁰ - 8⁴⁵ 8⁴⁵ - 9⁰⁰</p>	<p>NANOTECH I-01 CONTROLLED PATTERNING OF FERROELECTRIC NANOSTRUCTURES F. ROSEI Institut National de la Recherche Scientifique, Energie, Materiaux et Telecommunications,. Université du Québec. Varennes (Qc). Canada. rosei@emt.inrs.ca</p>
<p>9⁰⁰ - 9¹⁵</p>	<p>COST O-25 PROPERTIES OF COMPOSITIONALLY GRADED Ba(1-x)SrxTiO3 THICK FILMS M. VIVIANI¹, J. BARREL², M.T. BUSCAGLIA¹, V. BUSCAGLIA¹, M. VARDAVOULIAS³, E. STYTSENKO² ¹CNR-IENI. Genova. Italy. ²Industrial Research Limited. Lower Hutt. New Zealand. ³Pyrogenesis Sa. Lavrio. Greece. m.viviani@ge.ieni.cnr.it</p>
<p>9¹⁵ - 9³⁰</p>	<p>COST O-26 SCREEN PRINTED PLZT THICK FILMS PREPARED FROM NANOPOWDERS B. STOJANOVIC¹, V. MITIC², V. PEJOVIC¹, M. VASIC¹, M.A. ZAGHETE³ ¹Center for Multidisciplinary Studies. University of Belgrade. Belgrade. Serbia & Montenegro. ²Faculty of Electronic Engineering. . Belgrade. Serbia & Montenegro. ³Instituto de Química -UNESP. . Araraquara. Brazil biljana@ibiss.bg.ac.yu</p>
<p>9³⁰ - 9⁴⁵</p>	<p>COST O-27 TEXTURE-STRUCTURE-MICROSTRUCTURE-PHASE ANALYSIS OF MULTI-PHASED CERAMICS AND FILMS USING X-RAY AND NEUTRON DIFFRACTION: EXAMPLES OF SINTER-FORGED Bi2223-Bi2212, MELT TEXTURED GROWTH Y-BA-CU-O AND NANO-Si D. CHATEIGNER^{1,2}, J. RICOTE³, E. GUILMEAU¹, S. MESLIN^{1,2}, M. MORALES^{4,5}, L. LUTTEROTTI⁶ ¹CRISMAT-ENSICAEN. Caen. France. ²Universite de Caen Basse-Normandie. Caen. France. ³DMF-IMFF, ICMM-CSIC. Cantoblanco. Madrid. Spain. ⁴SIFCOM-ENSICAEN. Caen. France. ⁵IUMF Basse-Normandie. Caen. France. ⁶DIM-University of Trento. Trento. Italy. daniel.chateigner@ensicaen.fr</p>
<p>9⁴⁵ - 10⁰⁰</p>	<p>COST O-28 EFFECTS OF THE DIOL BASED AND AQUEOUS SOL-GEL ROUTES ON THE PROPERTIES OF DERIVED (Pb,Ca)TiO3 THIN FILMS I. BRETOS¹, R. JIMÉNEZ¹, M.L. CALZADA¹, M.K. VAN BAE^{2,3}, A. HARDY^{2,3}, D. VAN GENECHTEN^{2,3}, J. MULLENS^{2,3} ¹Instituto de Ciencia de Materiales de Madrid (CSIC). Cantoblanco. Madrid. Spain. ²Hasselt University. Agoralaan. Diepenbeek. Belgium. ³IMEC VZW, Division IMOMECE. Agoralaan. Diepenbeek. Belgium. ibretos@icmm.csic.es</p>
<p>10⁰⁰ - 10¹⁵</p>	<p>COST O-29 THE INVESTIGATION OF KEY PROCESSING PARAMETERS IN FABRICATION OF Pb(ZrxTi1-x)O3 THICK FILMS FOR MEMS APPLICATIONS S. CORKOVIC, Q. ZHANG Cranfield University. Sims Building 70 Cranfield. Bedford. United Kingdom. s.corkovic@cranfield.ac.uk</p>

$10^{15} - 10^{30}$	<p>COST O-30 SYNTHESIS AND CRYSTALLIZATION PATHWAY OF Na_{0.5}Bi_{0.5}TiO₃ (NBT) THIN FILMS OBTAINED BY A MODIFIED SOL-GEL ROUTE F. REMONDIERE¹, B. MALI², M. KOSEC², J.P. MERCURIO¹ ¹Science des Procédés Céramiques et de Traitements de Surface, UMR CNRS 6638. Limoges Cedex. France. ²Jozef Stefan Institute. Ljubljana. Slovenia. fabien.remondere@unilim.fr</p>
$10^{30} - 11^{30}$	CAFÉ + SESIÓN PÓSTER

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11 ³⁰ - 11 ⁴⁵	<p>COST O-31 THE EFFECT OF MANGANESE ADDITIONS ON THE MICROSTRUCTURE AND MICROWAVE DIELECTRIC PROPERTIES OF LaAlO₃ - La₂/3TiO₃ CERAMICS R. FREER, R. ASWATHANARAYANASWAMY, F. AZOUGH University of Manchester. Materials Science Centre, School of Materials. Manchester. United Kingdom. robert.freer@manchester.ac.uk</p>
11 ⁴⁵ - 12 ⁰⁰	<p>COST O-32 FIR AND BROAD-BAND DIELECTRIC SPECTRA OF PMN PYROCHLORE AND PFW-PT RELAXOR FERROELECTRICS S. KAMBA¹, S. DENISOV¹, M. BERTA¹, D. NOUJNI¹, P.M. VILARINHO², A. STERNBERG³ ¹Institute of Physics ASCR. Prague 8. Czech Republic. ²Department of Ceramics and Glass Engineering, CICECO, University of Aveiro. Aveiro. Portugal. ³Institute of Solid State Physics, University of Latvia. Riga. Latvia. kamba@fzu.cz</p>
12 ⁰⁰ - 12 ¹⁵	<p>COST O-33 RELAXOR-FERROELECTRIC Pb(Mg_{1/3}Nb_{2/3})O₃-PbTiO₃ CERAMICS BY MECHANOSYNTHESIS: CONTRIBUTION TO FUNDAMENTAL KNOWLEDGE, FUNCTIONALITY AND TEXTURING M. ALGUERÓ¹, J. RICOTE¹, P. RAMOS², M. KOSEC³, J. HOLC³ ¹Instituto de Ciencia de Materiales de Madrid, CSIC. Cantoblanco. Madrid. Spain. ²Departamento de Electrónica, Universidad de Alcalá. . Alcalá de Henares. Spain. ³Institute Jozef Stefan. Ljubljana. Slovenia. malguero@icmm.csic.es</p>
12 ¹⁵ - 12 ³⁰	<p>COST O-34 DIELECTRIC PROPERTIES OF BT-LMT MIXED CERAMICS P. KEBURIS¹, J. BANYŠ¹, A. BRILINGAS¹, J. GRIGAS¹, A. SALAK², V. FERREIRA³ ¹Department of Radiophysics, Vilnius University. Vilnius. Lithuania. ²Department of Ceramics and Glass Engineering/CICECO, University of Aveiro. Aveiro. Portugal. ³Department of Civil Engineering/CICECO, University of Aveiro. Aveiro. Portugal. povilas.keburis@ff.vu.lt</p>
12 ³⁰ - 12 ⁴⁵	<p>COST O-35 DIELECTRIC CHARACTERIZATION OF FERROELECTRIC NANO-POWDERS R. JIMENEZ, M.L. CALZADA, L. PARDO Instituto de Ciencia de Materiales de Madrid CSIC. Cantoblanco (Madrid). Spain. riqjim@icmm.csic.es</p>
12 ⁴⁵ - 13 ⁰⁰	<p>COST O-36 STRUCTURAL AND DIELECTRIC STUDY OF THE Na_{0.5}Bi_{0.5}TiO₃ - BiFeO₃ SYSTEM V. DORCET, P. MARCHET, G. TROLLIARD, J.P. MERCURIO SPCTS UMR 6638 CNRS Université de Limoges. Limoges. France. vincent.dorcet@etu.unilim.fr</p>
13 ⁰⁰ - 13 ¹⁵	<p>COST O-37 BROAD-BAND DIELECTRIC RESPONSE OF LEAD-FREE AND LEAD-BASED RELAXOR FERROELECTRICS V. BOVTUN¹, S. VELJKO¹, S. KAMBA¹, J. PETZELT¹, M.C. STENNETT², A.R. WEST² ¹Institute of Physics ASCR. Prague. Czech Republic. ²Dep. of Engineering Materials, University of Sheffield. Sheffield. United Kingdom. bovtun@fzu.cz</p>

$13^{15} - 13^{30}$	<p>COST O-38 DIELECTRIC PROPERTIES OF $Pb(Mg_{1/3}Nb_{2/3})O_3$ AND $(Pb_{1-x}La_x)(Mg_{1+x/3}Nb_{2-x/3})O_3$ CERAMICS PREPARED BY COLUMBITE ROUTE A. IANCULESCU¹, A. BRAILEANU², V. MASSIMO³, L. MITOSERIU⁴ ¹Department of Oxide Materials Science and Engineering, "Politehnica" University of Bucharest. Bucharest. Romania. ²Institute of Physical Chemistry "I. G. Murgulescu" of The Romanian Academy. Bucharest. Romania. ³Institute for Energetics & Interphases - CNR. Genoa. Italy. ⁴Department of Solid State and Theoretical Physics, Al. I. Cuza University. Iasi. Romania. a.ianculescu@rdslink.ro</p>
$13^{30} - 15^{00}$	COMIDA

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15 ⁰⁰ - 15 ¹⁵ 15 ¹⁵ - 15 ³⁰	<p>MICROSC I-02 ADMITTANCE SPECTROSCOPY OF POLYCRYSTALLINE SEMICONDUCTORS P. R. BUENO, J. A. VARELA, E. LONGO Instituto de Química-UNESP, Araraquara, SP, Brasil.</p>
15 ³⁰ - 15 ⁴⁵	<p>COST O-39 BaTiO₃-(Ni_{0.5}Zn_{0.5})Fe₂O₄ CERAMIC COMPOSITES WITH FERROELECTRIC AND MAGNETIC PROPERTIES L. MITOSERIU^{1,2}, C. HARNAGEA³, V. BUSCAGLIA⁴, M. VIVIANI⁴, M.T. BUSCAGLIA⁴, I. PALLECCHI⁵, A. TESTINO², P. NANNI², A.S. SIRI⁵ 1Dept. of Solid State & Theoretical Physics, Al. I. Cuza Univ. Iasi. Romania. 2Dept. of Chemical & Process Engineering, University of Genoa. Genoa. Italy. 3INRS-EMT, Univ. Québec. Varennes QC. Canada. 4Institute for Energetics & Interphases - CNR. Genoa. Italy. 5Physics Dept. & INFM, Univ. of Genoa. Genoa. Italy. lmtr@uaic.ro</p>
15 ⁴⁵ - 16 ⁰⁰	<p>COST O-40 BROADBAND DIELECTRIC SPECTROSCOPY OF PSN CERAMICS R. GRIGALAITIS¹, J. BANYS¹, A. BRILINGAS¹, A. STERNBERG², K. BORMANIS², V. ZAULS² 1Faculty of Physic, Vilnius University. Vilnius. Lithuania. 2Institute of Solid State Physic, University of Latvia. Riga. Latvia. robertas.grigalaitis@ff.vu.lt</p>
16 ⁰⁰ - 16 ¹⁵	<p>COST O-41 ELECTRIC PROPERTIES OF NANOSIZED Y-In FERRITES Z. CVEJIC¹, S. RAKIC¹, A. KREMENOVIC², B. ANTIC³, A. KAPOR¹ 1Department of Physics, Faculty of Sciences. Novi Sad. Serbia and Montenegro. 2Laboratory for Crystallography, Faculty of Mining and Geology. Beograd. Serbia and Montenegro. 3Condensed Matter Physics Laboratory The "Vinca" Institute. Beograd. Serbia and Montenegro. zeljkac@uns.ns.ac.yu</p>
16 ¹⁵ - 16 ³⁰	<p>COST O-42 PHASE DIAGRAMS WITH SELF-POLARIZED PHASE AND ELECTRET STATE IN FERROELECTRIC FILMS M. GLINCHUK¹, A. MOROZOVSKA², E. ELISEEV¹ 1Institute for Problems of Materials Science, Nas of Ukraine. Kiev. Ukraine. 2V. Lashkaryov Institute of Semiconductor Physics, Nas of Ukraine. Kiev. Ukraine. glin@materials.kiev.ua</p>
16 ³⁰ - 17 ³⁰	CAFÉ + SESIÓN PÓSTER

WEDNESDAY, June 21 (Evening 2) COST 539 MEETING (Cont.)

17 ³⁰ - 17 ⁴⁵	<p>COST O-43 SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF In-DOPED ZnFe₂O₄ NANOPARTICLES M. MALETIN¹, A.G. KONTOS^{2,3}, E. DEVLIN⁴, Ž. CVEJIĆ⁵, V.V. SRDIĆ¹, E.G. MOSHOPOULOU⁴ 1Department of Materials Engineering, Faculty of Technology. University of Novi Sad. Novi Sad. Serbia & Montenegro. 2Physical Department, School of Applied Mathematical and Physical Sciences, National Technical University of Athens, Athens, Greece 3Institute of Physical Chemistry, NCSR Demokritos, Athens, Greece 4Institute of Materials Science, NCSR Demokritos, Athens, Greece 5Department of Physics, Faculty of Science, University of Novi Sad, Novi Sad, Serbia & Montenegro marija_maletin@yahoo.com</p>
17 ⁴⁵ - 18 ⁰⁰	<p>COST O-44 PURE AND DOPED LANTHANUM MANGANITES OBTAINED BY COMBUSTION METHOD D. BERGER¹, C. MATEI¹, F. PAPA², V. FRUTH², J.P. DELOUME³ 1University "Politehnica" of Bucharest. Bucharest. Romania. 2Romanian Academy, Institute of Physical Chemistry. Bucharest. Romania. 3L.A.C.E., Université Claude Bernard, Lyon 1. Villeurbanne. France. danaberger01@yahoo.com</p>
18 ⁰⁰ - 18 ¹⁵	<p>COST O-45 NANOCRYSTALLINE COMPLEX OXIDES OBTAINED BY MECHANOCHEMICAL SYNTHESIS N.Z. LYAKHOV, T.F. GRIGORIEVA, I.A. VORSINA, A.P. BARINOVA Institute of Solid State Chemistry and Mechanochemistry, Novosibirsk, Russia</p>
18 ¹⁵ - 18 ³⁰	<p>COST O-46 STRUCTURAL AND ELECTRIC CHARACTERIZATION OF (1-x)PMN-xPT SYSTEM J.C. BRUNO¹, A.A. CAVALHEIRO², M.A. ZAGHETE¹, J.A. VARELA¹ 1LIEC-IQ-UNESP. Araraquara. Brasil. 2DQB-IBB-UNESP. Botucatu. Brasil. juliacatarina@yahoo.com.br</p>