

Reference	Prog no.	Presenter firstname	Presenter lastname	Session	Title	All authors (last, first)
0003	P2.1	nasim	nosoudi	Poster session 2	Effect of bisphosphonates on nucleation of Nano needle Hydroxyapatite of calcium phosphate cements in SBF exposure	nosoudi nasim, moztarzadeh fatollah, Gelinsky Michael, rabiee seied mahmood
0004	P2.2	S.O.	Gladkov	Poster session 2	To a question of absorption of electromagnetic field radiation by metallic nanoparticles in quantum case S.O. Gladkov Moscow State Regional University, Radio str., 10a,Russia, Moscove-mail: sglad@newmail.ru	Gladkov S.O.
0008	P1.1	Gousheng	Liu	Poster session 1	Preparation of a novel structure of ammonium polyphosphate with crystal form V	Liu Gousheng
0013	P2.3	M.R	Mohammadi	Poster session 2	Synthesis and Characterisation of CNT-PZT Hybrid Material and PZT Nanotube by Sol-Gel Process	Mohammadi M.R, Tebei S.A, Nemati A, Pradeep T
0015	P1.2	A.	Maljuk	Poster session 1	Floating-Zone Growth of Magnetically Frustrated CoAl ₂ O ₄ Single Crystals	Maljuk A., Yokaichiya F., Tsurkan V., Zaharko O., Cervellino A., Loidl A.
0023	P2.99	T	Wang	Poster session 2	Preparation and Characterization of Sodium Sulfate/Silicon Dioxide Composite as a Shape-stabilized Solid-liquid Phase Change Material	Guo Q, Wang T
0027	P2.4	A	Ouerdane	Poster session 2	AES and EELS tools associated to TRIM program to study nanostructures on InSb surface.	Ouerdane A, Bouslama M, Ghaffour M, Abdellaoui A, Nouiri AN, Abidri B, Monteuil Y
0031	P1.154	Mezaoui	Djillali	Poster session 1	A New Crystal Structure of Mixed Valence of Transition Metal (Vanadium-Tungsten-Arsenate) : K 1.65 V 1.78 W 0.22 AS 2 O 10 D.	Djillali Mezaoui, Sabrina Belkhiri
0034	P2.5	S.V.	Novikov	Poster session 2	Thermoelectric properties of amorphous and nanocrystalline Cr-Si thin film composites	Novikov S.V., Burkov A.T., Schumann J.
0038	P1.116	Akhmedali	Gasanov	Poster session 1	HIGH PURITY HAFNIUM TETRACHLORIDE FOR MICROELECTRONICS	Gasanov Akhmedali, Chuvilina Elena
0040	P2.6	G.M.	Kuzmicheva	Poster session 2	Nanocrystalline samples with anatase and h-TiO ₂ structures: synthesis, composition, structure, morphology, properties.	Kuzmicheva G.M., Savinkina E.V., Belogorokhova L.I., Belogorokhov A.I., Tabachkova N.Yu., Chernobrovkin M.G.
0041	P2.101	V.	Pomjakushin	Poster session 2	Evidence for large electric polarization from collinear commensurate magnetism in multiferroic TmMnO ₃	Pomjakushin V., Kenzelmann M., Dönni A., Harris A.B., Nakajima T., Mitsuda S.
0042	P2.59	Olaf	Köhler	Poster session 2	Energy Research Faster & Better by Automated High-Output Solutions - Hydrogen Storage	Köhler Olaf, Adelbrecht Jean-Claude, Schneider Michael

0043	P2.7	V A	Du	Poster session 2	Transition metal silicide nanoparticles derived from single-source-precursors	Du V A, Schubert U
0047	P2.8	Kamyar	Khoshnevisan	Poster session 2	Synthesis and characterization of CTAB-coated superparamagnetic nanoparticles using the co-precipitation method	Khoshnevisan Kamyar, Bordbar Abdol-khalegh, Davoodi Daryiush, zare Davood, Barkhi Mohmmad
0049	P2.9	Ali	Sedaghat	Poster session 2	Synthesis of Alumina-Mullite nanopowder by sol-gel method	Sedaghat Ali, Taheri-Nassaj Ehsan, Sorarù Gian Domenico, Ceccato Riccardo, Ebadzadeh Tooraj
0050	P1.117	Mehdi	Mazar Atabaki	Poster session 1	Sol-gel bioactive glass coating for improvement of biocompatible human body implant	Mazar Atabaki Mehdi, Jafar Rabi'atuladawiyah, Idris Jamaliah
0055	P1.118	Institute of Chemistry, Chinese Academy of Science	Jiang	Poster session 1	Bio-Inspired, Smart, Multiscale Interfacial Materials	Jiang Institute of Chemistry, Chinese Academy of Science
0059	P1.3	Naresh	Kumar	Poster session 1	Effect of pH (controlled using NaOH and NH ₃) and Temperature on the synthesis of ZnO nanoparticles	Bhargava Richa, Sharma Prashant, Pandey Avinash, Kumar Naresh
0063	P2.118	Dilip	Bhoi	Poster session 2	Magnetoresistance of the PrFeAsO oxypnictide	Bhoi Dilip, Mandal Prabhat, Choudhury Pranab, Ganesan V
0071	P2.10	Madhavi	Thakurdesai	Poster session 2	Effect of Rapid Thermal Annealing on Swift Heavy Ion Induced Nanocrystallisation of TiO ₂	Thakurdesai Madhavi, Bhattacharyya Varsha
0077	P1.4	T	Omata	Poster session 1	Fabrication of ZnO films alloyed with LiGaO ₂ and their optical properties	Omata T, Tanaka K, Otsuka-Yao-Matsuo S
0080	P2.11	M.	Ghiaci	Poster session 2	Host (Bilayer Modified Na-Bentonite) /Guest (Co ⁺² , Mn ⁺² , Pd ⁺²) Catalysis: Synthesis, Characterization and Selective Oxidation of Ethylbenzene to Acetophenone	Ghiaci M., Sedaghat M.E., Sadeghi Z.
0083	P1.119	Rajender	Kundu	Poster session 1	MeV Energy ions induced effects on Electronic Transport Properties of Ge ₄₂ S ₅₈ Glassy Systems	Kundu Rajender, Kishore Nawal, Punia Rajesh, Hooda jaipal, Dhankhar Sunil, Dhar Rakesh
0089	P2.12	P.	Lupetin	Poster session 2	Nanosize effects on the p-n transition in nanocrystalline SrTiO ₃	Lupetin P., Gregori G., Maier J.
0092	P2.102	RJ	Goff	Poster session 2	A Search for New Multiferroic Fluorides	Goff RJ, Morrison FD, Lightfoot P
0098	P1.5	Jana	Mayerova	Poster session 1	Study of synthesis and characterization of silica supported vanadium oxide catalysts for oxidative dehydrogenations of light alkanes	Mayerova Jana, Kaluzova Alena, Zukal Arnost, Setnicka Michal, Bulanek Roman

0100	P1.6	M.	Audier	Poster session 1	First and Second Order Phase Transitions in Ta ₂ O ₅	Audier M., Chenevier B., Roussel H., Lintanf-Salaün A.
0102	P1.7	A.	Ismail	Poster session 1	Using a Genetic Algorithm to Investigate the Structure of Samarium-Doped Ceria	Ismail A., Hooper J., Giorgi J. B., Woo T. K.
0104	P1.8	D. E. P.	Vanpoucke	Poster session 1	Tuning Of CeO ₂ Buffer Layers Through Doping	Vanpoucke D. E. P., Cottenier S., Bultinck P., Van Driesche I.
0108	P1.9	Xavier	Vendrell	Poster session 1	Lead-free Piezoelectric K _{0.5} Na _{0.5} NbO ₃ -LiNbO ₃ Ceramics Obtained by Sol-Gel Method	Vendrell Xavier, Mestres Lourdes
0112	P2.60	Xiaojing	Wang	Poster session 2	Preparation of Iodine-Doped NaTaO ₃ nanoparticles and study on their photocatalytic mechanism	Han Peilin, Wang Shuyuan, Liu Qinglong, Wang Xiaojing
0114	P2.61	M	Palcut	Poster session 2	High temperature corrosion of interconnects for SOEC stacks	Palcut M, Mikkelsen L, Neufeld K, Chen M, Knibbe R, Hendriksen P V
0115	P2.62	M	Palcut	Poster session 2	Cation inter-diffusion between LaMnO ₃ and LaCoO ₃ materials	Palcut M, Wiik K, Grande T
0117	P2.119	Zeynab	Mohammadi Chegini	Poster session 2	Wiedemann-Franz law of a granular superconductor	Mohammadi Chegini Zeynab
0121	P2.13	Guangshe	Li	Poster session 2	Oxide Nanostructures: Size effects on structural dimension for creating novel functionalities	Li Guangshe
0123	P1.10	H.	Samata	Poster session 1	Synthesis and Fluorescence Quantum Yield of Gd _{1-x} Ln _x OOH (Ln = Eu, Tb) Crystals	Samata H., Itakura D., Kobayashi K., Mizusaki S., Nagata Y., Ozawa T.C.
0125	P1.120	Y	Takagi	Poster session 1	Boron-doped diamond synthesis with hot-filament CVD	Kageyama H, Takagi Y
0126	P1.121	Y	Takagi	Poster session 1	Over 200 micron diamond particle synthesis with hot-filament CVD on quartz glass substrates	Kageyama H, Suzuki T, Maruyama K, Takagi Y
0127	O8	A.	Gasparotto	Oral session	Tailored synthesis of copper- and cobalt-oxide nanosystems for photocatalytic H ₂ production	Barreca D., Fornasiero P., Gasparotto A., Gombac V., Lebedev O. I., Maccato C.
0128	P2.14	A.	Gasparotto	Poster session 2	Silver-titania nanocomposites by a combined Sputtering/Sol-Gel synthetic strategy for photocatalytic applications	Armelaio L., Barreca D., Bottaro G., Gasparotto A., Maccato C., Tondello E.
0136	P1.11	I.	Koseva	Poster session 1	Nanostructured Transparent Ceramics from Pure and Cr-doped Al ₂ (WO ₄) ₃ for Laser Active Media	Koseva I., Nikolov V.

0137	P1.114	M.	Armbrüster	Poster session 1	The Catalytic Properties of the Intermetallic Compounds Pd ₃ Ga ₇ , PdGa and Pd ₂ Ga in the Semi-Hydrogenation of Acetylene	Armbrüster M., Kovnir K., Grin J., Schlögl R.
0138	P1.12	O	Wahyudi	Poster session 1	Structural evolution, interstitial oxygen ordering in Nd ₂ NiO _{4+δ} (0 < δ < 0.26)	Wahyudi O, Ceretti M, Weill I, Weill F, Villesuzanne A, André G
0139	P2.63	Y.	Dridi	Poster session 2	Raman Study of 4 and 5 Volts cathode materials for rechargeable lithium ion batteries	Dridi Y., Baddour-Hadjean R., Pereira-Ramos J.-P., Le Cras F.
0140	P2.64	W.	Menesklou	Poster session 2	Stability study of mixed-conducting Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2} O _{3-δ} for oxygen-membrane applications	Taufall S., Niedrig C., Wagner S. F., Menesklou W., Ivers-Tiffée E.
0145	P2.15	Shinpei	Yamamoto	Poster session 2	Corrosion-Resistant, Dispersible, and Organo-Functional α-Fe Nanoparticles	Yamamoto Shinpei
0147	P2.103	C.S.	Knee	Poster session 2	Neutron Diffraction Study of Multiferroic Bi _{1-x} Ln _x Fe _{1-y} Mn _y O ₃ Perovskites	Saxin S, Knee C.S.
0148	P2.16	Ali	Ghafari-Nazari	Poster session 2	Photocatalytic and Microwave Synthesis of Ag/Nepheline Nanocomposites for Antibacterial Tile via Taguchi Design	Ghafari-Nazari Ali, Moztarzadeh Fatollah, Rabiee Sayed Mahmood
0152	P1.13	E. E.	McCabe	Poster session 1	New iron and manganese oxyselenides: structural and physical characterisation	McCabe E. E., Free D. G., Evans J. S. O.
0154	P2.65	S	BENNICI	Poster session 2	A way to improve the hydrogen yield in the catalyzed hydrolysis of pure borohydride powders	BENNICI S, AUROUX A
0156	P1.122	J.J.	Reinosa	Poster session 1	Structure and Optical Properties of Glaze Coating with Metallic Aspect	Reinosa J.J., Romero J.J., Jaquotot P., Bengochea M.A., Fernández J.F.
0157	P1.14	Jörg	Töpfer	Poster session 1	Phase Stability and Nonstoichiometry of the Magnetoresistive Double Perovskite Sr ₂ FeMoO _{6-δ}	Töpfer Jörg, Kircheisen Robert
0159	P1.15	Nurten Basak	Hatirnaz	Poster session 1	Synthesis and Dielectric Properties of MgNb ₂ O ₆ Ceramic By Combustion Synthesis Using Urea	Mergen Ayhan, Hatirnaz Nurten Basak
0160	P2.120	D	Berardan	Poster session 2	Electronic phase diagram of NdFe _{1-x} Rh _x AsO : effect of alliovalent substitutions in the [Fe ₂ As ₂] layer	Berardan D, Zhao L, Dragoë N

0162	P1.16	V	Pralong	Poster session 1	Oxygen excess in the "114" Cobaltite Hexagonal Structure: The Ferrimagnet CaBaCo 4 O 7.5	Pralong V, Lebedev O, Caignaert V, Sarkar T, Maignan A, Raveau B
0163	P1.17	V	Duffort	Poster session 1	Chemistry, Structure and Properties on LnBaFe 4 O 7+ δ (Ln= lanthanide, Y, Ca)	Duffort V, Pralong V, Caignaert V, Sarkar T, Lebedev O, Raveau B
0164	P2.17	G. R.	Patzke	Poster session 2	Targeting Oxide Nanomaterials: From Mechanisms to Applications	Patzke G. R., Zhou Y., Conrad F., Sheng M., Kontic R.
0165	P2.18	Roi	Levi	Poster session 2	Synthesis and characterization of hollow vanadium pentoxide nanoparticles obtained by pulsed laser ablation	Levi Roi, Bar-Sadan Maya, Albu-Yaron Anna, Popovitz-Biro Ronit, Houben Lothar, Tenne Reshef
0166	P1.18	A	Meiszterics	Poster session 1	Sol-gel derived bioactive calcium silicate systems	Meiszterics A, Vainio U, Rosta L, Sinko K
0168	P1.123	S.	Trubina	Poster session 1	Microstructure and photoluminescence of CdS and Cu x S nanoclusters formed in the matrix of a Langmuir-Blodgett film	Trubina S., Erenburg S., Zhuravlev K., Sveshnikova L., Duda T., Nikitenko S.
0170	P1.19	J.A.	Abel	Poster session 1	Reduction Processes in a Binary Cerium-Praseodymium Oxide System: an in-situ HRTEM Study	Abel J.A., Feral-Martin C.F.M., Majimel JM
0171	P2.19	L.	Pihlgren	Poster session 2	Structural and up-conversion luminescence properties of the NaRF 4 - NaR'F 4 (R: Y, Yb, Er) core-shell nanomaterials	Harju E., Hyppänen I., Hölsä J., Kankare J., Lastusaari M., Pihlgren L.
0172	P1.124	M.A.	Zagrebin	Poster session 1	Phase diagrams of Ni-Mn-Ga Heusler alloys from Hubbard Hamiltonian with account of Jahn Teller effect	Zagrebin M.A., Buchelnikov V.D.
0173	P1.125	V.V.	Sokolovskiy	Poster session 1	Modeling of magnetocaloric properties of Heusler Ni 2+x Mn 1-x Ga alloys (x = 0.18 – 0.27) by Monte Carlo simulations	Sokolovskiy V.V., Buchelnikov V.D., Taskaev S.V., Entel P.
0174	P1.20	M	Del Arco	Poster session 1	Dexketoprofen Loading in Surfactant-Templated Silica	Del Arco M, Martín C, Rives V, San Román S
0175	P1.21	C	MARTIN	Poster session 1	Sustained release of naproxen immobilised in different inorganic matrices	CARRIAZO D, DEL ARCO M, MARTIN C, RAMOS C, RIVES V
0177	P2.20	Keiji	Takata	Poster session 2	Ferroelectric domain structures of 0.4-mm-thickPb(Zr,Ti)O3 films prepared by polyvinylpyrrolidone-assisted Sol-Gel method	Takata Keiji, Yamano Akihiro, Kozuka Hiromitsu
0178	P1.22	D.V.	Firsov	Poster session 1	Synthesis, structure and ionic conductivity of alkali-zirconiumarsenate-phosphates.	Firsov D.V., Pinus I.Yu., Sukhanov M.V., Pet'kov V.I., Yaroslavtsev A.B.

0180	P1.126	K.	Klemkaite-Ramanauskė	Poster session 1	Synthesis peculiarities and characterization of Mo-containing Mg/Al layered double hydroxide	Klemkaite-Ramanauskė K., Khinsky A., Zilinskis A., Kareiva A.
0181	P2.66	H.	Muguerra	Poster session 2	Synthesis of thermoelectric oxides by chimie douce methods	Muguerra H., Rivas-Murias B., Traianidis M., Marchal C., Vanderbemden Ph., Cloots R.
0182	P1.23	V	Jubera	Poster session 1	Ytterbium spectroscopy, a useful tool for solid state chemistry. Illustration on laser crystals	Jubera V, Chavoutier M, Veber P, Phiraphong O, Velazquez M, Artemenko A
0183	P1.24	Sutichai	Chaisitsak	Poster session 1	F-doped Nanocrystalline SnO ₂ Thin Films for Liquid Petroleum Gas (LPG) Sensors	Chaisitsak Sutichai
0185	P1.25	E.A.	Kiselev	Poster session 1	Electronic Transport in LaFe _{0.7} Ni _{0.3} O _{3-δ}	Kiselev E.A., Cherepanov V.A.
0186	P2.21	M.E.	Contreras-García	Poster session 2	DEPENDENCE OF PHOTOCATALYTIC ACTIVITY AND MORPHOLOGY OF TiO ₂ -Al ₂ O ₃ THIN FILMS ON THE PROCESSING PARAMETERS	Barajas-Ledesma E., Espitia-Cabrera I., Espinoza-Beltrán F.J., Mostaghimi J., Contreras-García M.E.
0187	P1.26	J L	Payne	Poster session 1	Bi ₆ WO ₁₂ and Related Oxide Ion Conductors	Payne J L, Evans I R
0188	P2.22	Shubra	Singh	Poster session 2	Influence of particle size and phonon modes on oxygen ion mobility in non-stoichiometric oxides.	Singh Shubra, Ceretti Monica, Gupta Kapil, Papet Phillipe, Prestipino Carmelo, Rao M. S. Ramachandra
0189	P1.27	N.	Gauquelin	Poster session 1	Investigation of anisotropic oxygen diffusion in La ₂ NiO _{4+δ} single crystals	Gauquelin N., De Souza R.A., Ceretti M., Paulus W., Schroeder M.
0190	P1.28	P	Strobel	Poster session 1	Redox issues in the synthesis and crystal chemistry of layered Na _x CoO ₂ phases	Strobel P, Muguerra H, Pachoud E, Charoloy J
0191	P1.29	M.	Ivanova	Poster session 1	Influence of the B-site doping element in La _{0.99} Ca _{0.01} Nb _{0.99} B _{0.01} O _{4-δ} (B=Ga,Ge,In) on the conductivity and microstructure	Ivanova M., Ricote S., Roitsch St., Sebold D., Meulenbergh W.A., Mayer J.
0192	P1.30	Ali	Ghafari-Nazari	Poster session 1	Artificial Neural Networks Applied to Mechanochemical Synthesis of Al ₂ O ₃ -TiB ₂ Nanocomposites	Ghafari-Nazari Ali, Khaghani Dehaghani Mohammad Ali
0193	P1.31	L.M.	Misch	Poster session 1	Transition-metal substituted CeO ₂ as C-H bond activation catalysts	Misch L.M., Seshadri R., Metiu H., McFarland E.W., Stucky G.D.
0195	P2.23	T	Yoshida	Poster session 2	Size effect and surface oxidation state of Ge nano-clusters in silica as an ultraviolet light emission material	Yoshida T, Muto S, Yuliati L, Yoshida H

0196	P1.32	Fa-bin	Cao	Poster session 1	By sol-gel method and doping, a series of red-emitting phosphors $\text{Na}_x\text{Gd}_{1.0-x/3-z}(\text{MoO}_4)_y(\text{WO}_4)_{1-y}\text{O}_{0.5}:\text{zEu}^{3+}$ were synthesized. Through process conditions optimization and photoluminescent analysis, one kind of red-emitting is obtained, which match nicely with UV-LED chips. In the crystal structure, it is found that at least two types of luminescence centers exist.	Cao Fa-bin, Li Liao-sha, Gao Zhi-fang, Tian Yan-wen, Chen Yong-jie, Xiao Lin-jiu
0197	P2.104	K	Hirota	Poster session 2	Fabrication of Dense Fe-Ni Permalloy/Mg-Ferrite Composites with a High Saturation Magnetization Density of 1T	Hirota K, Obata M, Kato M
0198	P1.33	Eriko	Kuda	Poster session 1	Effective concentration and depth distribution of nitrogen in visible light responsive $\text{TiO}_2:\text{N}$ photocatalyst.	Kuda Eriko, Yoshida Tomoko, Muto Shunsuke
0199	P1.34	T	Ohsawa	Poster session 1	Thickness Dependence of Local Surface Electronic Structures in SrTiO_3 Probed by Scanning Tunneling Microscopy	Ohsawa T, Iwaya K, Shimizu R, Hashizume T, Hitosugi T
0201	P1.35	A	Galenda	Poster session 1	$\text{La}_{0.7}\text{Sr}_{0.3}\text{CuO}_{3-\delta}$ in the oxidation of alcohols	Glisenti A, Galenda A, Moronato M, Natile M.M.
0203	P1.150	S.	Castro-García	Poster session 1	$[\text{M}_2(1,4\text{-bdc})_2(\text{dabco})]\cdot 4\text{DMF}\cdot \text{H}_2\text{O}$ Metal-Organic Frameworks: Exploring Dielectric Properties	Castro-García S., Presedo S., Gómez-Aguirre C., Sánchez-Andújar M., Artiaga R., Señaris-Rodríguez M.A.
0204	P2.67	A.	Galenda	Poster session 2	Doped Lanthanum Cuprate: a potential electrode in IT-SOFCs	Galenda A., Natile M.M., Glisenti A.
0205	P1.36	Sv.	Ivanova	Poster session 1	Mn ⁴⁺ -Based Nanosized Spinel: HRTEM, EPR and Electrochemical Studies	Ivanova Sv., Zhecheva E., Stoyanova R.
0206	P1.37	Abdessamad	Faik	Poster session 1	Waste valorization in solar energy storage: Evolution of radiative and structural properties with the temperature	Faik Abdessamad, Guillot Stéphanie, Michon Ulysse, Py Xavier, Bessada Catherine, Echegut Patrick
0207	P1.127	Kui	Chen	Poster session 1	A Study on the Preparation of High-purity Diamonium Hydrogen Phosphate	Chen Kui, Zhu Jiawen, Wu Yanyang
0208	P1.128	Sanjay	Kumar	Poster session 1	Hydrothermal Synthesis of CuCrO_2 with Delafossite Structure	Kumar Sanjay, Miclau Marinela, Grozescu I
0209	P2.68	O	Lebedev	Poster session 2	HRTEM and Neutron Study in the system $\text{Li}_x\text{Mo}_5\text{O}_{17}$ with x=5, 12	Lebedev O, Pralong V, Caignaert V, Malo S, Van Tendeloo G, Raveau B

0210	P1.38	Congling	Yin	Poster session 1	The complex magnetism of SrFe _{0.5} Co _{0.5} O _{2.68(1)}	Yin Congling, Toulemonde Olivier, Watiaux Alain, Rodolphe Decourt
0212	P2.105	Z.	Marinkovic Stanojevic	Poster session 2	Effect of La- and Sr-doping on the magnetic properties in bismuth manganite	Marinkovic Stanojevic Z., Brankovic Z., Mancic L., Jagodic M., Jaglicic Z., Brankovic G.
0213	P2.69	K.	Weichert	Poster session 2	Transport properties and defect chemistry of heterosite FePO ₄	Zhu C., Weichert K., Maier J.
0214	P1.129	A.P.	Onanko	Poster session 1	Inelastic-elastic characteristics Ti _{0.5} Al _{0.5} alloy and SiO ₂	Onanko A.P., Lyashenko O.V., Prodaivoda G.T., Vigva S.A., Onanko Y.A.
0215	P1.39	E.	García-González	Poster session 1	Influence of the A-cationic vacancies in the microstructural and dielectric properties of Na _{1-x} La _{x/3} NbO ₃ perovskite	Torres-Pardo A., Jiménez R., García-González E.
0216	P1.40	Stephanie	Guillot	Poster session 1	Study of corrosion of materials for thermal energy storage by molten salts	Guillot Stephanie, Faik Abdessamad, Lambert Julien, Py Xavier, Bessada Catherine, Echegut Patrick
0217	P1.41	M.	Yoncheva	Poster session 1	Short- and Long- Range Cationic Distribution In LiCo _{1-2x} Ni _x Mn _x O ₂ Electrode Materials	Yoncheva M., Shinova E., Stoyanova R., Zhecheva E., Alcantara R., Tirado J.L.
0219	P2.70	M.	Yoncheva	Poster session 2	Crystal Structure of Na _{2/3} MnO _{2+y} : Stabilization of Over – Stoichiometric Mn ⁴⁺	Yoncheva M., Stoyanova R., Zhecheva E., Carlier D., Delmas C., Sendova-Vassileva M.
0223	P2.71	N.R.	Khasanova	Poster session 2	Structure transformation of the Li ₂ CoPO ₄ F cathode material upon Li-extraction	Khasanova N.R., Drozhzhin O.A., Gavrilov A.N., Abakumov A.M., Antipov E.V.
0225	P2.72	Yu.I.	Zhirko	Poster session 2	Radiospectroscopic and electrophysical investigations of hydrogen intercalates:GaSe and InSe layered crystals	Zhirko Yu.I., Kovalyuk Z.D., Trachevskii V.V., Mel'nik A.K.
0227	P1.42	K	Balasubramanian	Poster session 1	Modification of the Morphology of Crystallites of Gypsum and Related Phases and its Influence on the Mechanical Properties	Balasubramanian K, Prestipino C, Hernandez O, Audebrand N, Paulus W
0230	P1.130	Sandra H.	Pulcinelli	Poster session 1	Macro-mesoporous zirconia ceramic foams produced by the sol-gel method	Alves Rosa Marinalva A., Santilli Celso V., Martins Leandro, Pulcinelli Sandra H.
0231	P1.43	S.F.	MATAR	Poster session 1	From perovskite to post-perovskite: an new era of materials with original physical properties	MATAR S.F., DEMAZEAU G., LARGETEAU A.

0232	P2.57	R.	Ugas-Carrión	Poster session 2	Synthesis of Protective Zr-based oxide nanocrystalline coating initiated by the use of hydroxypropyl cellulose as stabilizing agent	Ugas-Carrión R., Sittner F., Yekehtaz M.
0233	P2.24	Sandra H.	Pulcinelli	Poster session 2	In situ monitoring of ZnO nanoparticles genesis	Caetano Bruno L., Pulcinelli Sandra H., Santilli Celso V., Meneau Florian, Briois Valerie
0234	P1.44	L	Le Dréau	Poster session 1	Oxygen diffusion in highly ordered frameworks: the case of La ₂ CoO _{4+d}	Le Dréau L, Hernandez O, Prestipino C, Schefer J, Hosoya S, Paulus W
0235	P1.45	Yusuf Ziya	HALEFOGLU	Poster session 1	Synthesis and Luminescence Properties of Long-Lasting Lanthanide Doped Nano Particles	HALEFOGLU Yusuf Ziya, SERINDAG Osman
0236	P1.113	G.	Bruhn	Poster session 1	Low-Temperature Synthesis and Characterization of Freudenbergite-Type Bronzes with Yellow Color	Bruhn G., Knieß H., Pfaff G., Albert B.
0237	P2.106	Olivier	Toulemonde	Poster session 2	Synthesis dependence of the magnetic properties of BiMn ₂ O ₅ ceramics and Effects of Fe substitution.	Toulemonde Olivier, Sallagoity David, Liu Qiang, Gaudin Etienne
0238	P1.131	Renata C.K.	Kaminski	Poster session 1	TiO ₂ ceramic foams hierarchically textured produced by the sol-gel method	Lins da Silva Renata F., Santilli Celso V., Pulcinelli Sandra H., Kaminski Renata C.K.
0240	P1.46	T	Onishi	Poster session 1	The Theoretical Study on Proton Conduction Mechanism in SrTiO ₃ Perovskite	Onishi T
0241	P1.132	Renata C.K.	Kaminski	Poster session 1	Thermo-stability of surface modified nanocrystalline anatase xerogels	Kaminski Renata C.K., Pulcinelli Sandra H., Santilli Celso V.
0246	P1.47	S.F.	Matar	Poster session 1	Ab initio Molecular and Solid-state Studies of the Spin Crossover Systems	Matar S.F., Létard J.F.
0247	P1.48	L	Le Dréau	Poster session 1	La ₂ CuO _{4±δ} : topotactic phase transition between T and T' structure.	Le Dréau L
0248	P1.49	N.	De Crom	Poster session 1	New Molecular Precursor Route to Lanthanide Oxysulfide Ln ₂ O ₂ S	De Crom N., Devillers M.
0251	P2.107	A	Ferri	Poster session 2	First Principles Calculations of Structural Properties of (SrTiO ₃) _n (BiFeO ₃) _n (n=2,4) Heterostructures	Bruyer E, Sayede A, Ferri A, Desfeux R
0253	P1.50	A	Ferri	Poster session 1	Nanoscale Piezoresponse Studies of Ln ₂ Ti ₂ O ₇ (Ln = La, Nd) Ferroelectric Thin Films Grown by Pulsed Laser Deposition	Saitzek S, Tebano A, Ferri A, Shao Z, Desfeux R
0255	P1.51	A	Ferri	Poster session 1	Local Electromechanical Fatigue in Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ Ferroelectric Thin Films by Piezoresponse Force Microscopy	Gatoux A, Ferri A, Da Costa A, Detalle M, Rémiens D, Desfeux R
0257	P2.25	G.I.	Yakovlev	Poster session 2	Structuring of anhydrite compositions with carbon nanotubes	Yakovlev G.I., Pervushin G.N., Maeva I.S., Fischer H.-B.

0258	P2.108	A	Ferri	Poster session 2	Local Piezoelectric Response in Constrained [(BiFeO ₃) _m /(SrTiO ₃) _n]p Heterostructures	Ferri A, Desfeux R, Mangalam R.V.K., Prellier W, Vincze Gy, Aruta C
0259	P1.52	B	Gregoire	Poster session 1	Structural aspects and reactivity of layered double hydroxides of type M II - Fe III	Gregoire B, Carteret C, Hanna K, Naille S, Ruby C
0262	P1.133	L.	Kumaresan	Poster session 1	Synthesis and Characterization of Zr 4+ , La 3+ and Ce 3+ Doped Mesoporous TiO 2 and Evaluation of their Photocatalytic Activity	Kumaresan L., Prabhu A., Palanichamy M., Murugesan V.
0265	P1.53	Armin	Feldhoff	Poster session 1	Phase stability of mixed conducting perovskites at intermediate temperatures	Feldhoff Armin, Efimov Konstantin, Xu Qiang
0266	P2.73	L.	Yadgarov	Poster session 2	Transport Properties and Tribological Behavior of the Rhenium-Doped Inorganic Fullerenes-like Structures	Yadgarov L., Rosentsveig R., Rapoport L., Tenne R.
0267	P2.26	M A	Schiavon	Poster session 2	Water-Soluble CdTe/CdS Core/shell Semiconductor Nanocrystals: Synthesis and Optical Properties	Silva F O, Carvalho M S, Ferreira D L, Balzuweit K, Alves J L A, Schiavon M A
0272	P1.134	N.	Viard	Poster session 1	New magnetoelectric materials : doped orthorhombic GaFeO 3 as an alternative to perovskite systems	Viard N., Roulland F., Mény Ch., Lobre C., Thomasson A., Trassin M.
0273	P2.74	Vivienne Denise	Falcao	Poster session 2	Deposition of aluminium-doped zinc oxide film by electron beam evaporation for solar cell applications	Falcao Vivienne Denise, Miranda Diego Oliveira, Sabino Milena Emerenciano Luz, Moura Thiago Daniel de Oliveira, Diniz Antonia Sonia Alves Cardoso, Branco Jose Roberto Tavares
0274	P1.135	Jose Geraldo	Nery	Poster session 1	Hydrothermal synthesis of highly crystalline vanadosilicate similar to the titanosilicate ETS-10 using derivatives of 2,6-dimethyl piperidine .	Silva Paula Alex, de Vasconcellos Adriano, Antonio da Silva Danilo, Franco Gil Cesar, Alcides Ellena Javier, Nery Jose Geraldo
0275	P2.75	Jose	Nery	Poster session 2	Use of zeolitic materials for the production of biodiesel from beef tallow	de Vasconcellos Adriano, Silva Paula Alex, P. Franco Gil Cesar, Luizon Roberto, Flumignan Danilo, Nery Jose
0276	P2.76	A	Potapova	Poster session 2	Directed Synthesis of Complex Phosphates for Lithium-ion Batteries Electrolytes	Potapova A, Novoselov A, Stefanovich S, Zimina G
0277	P1.54	Jose Geraldo	Nery	Poster session 1	Hydrothermal syntheses of new vanadosilicates using derivatives of (S)-Sparteinium as structure directing agents.	Paula Alex Silva, De Vasconcellos Adriano, De Sousa Aryane Tofanello, Da Silva Danilo Antonio,

						Mascarenhas Yvonne Primerano, Nery Jose Geraldo
0278	P1.55	Jose Geraldo	Nery	Poster session 1	Syntheses of highly crystalline germanosilicates using derivatives of 3,5-dimethyl piperidine as structure directing agents.	Paula Alex Silva, Basso Glauca. G., Semenzim Vinicius L., De Sousa Aryane Tofanello, Ellena Javier Alcides, Nery Jose Geraldo
0280	P2.27	Jose Geraldo	Nery	Poster session 2	Synthesis and characterization of magnetic nanoparticles with different organic and inorganic templates and their use for biomedical applications: A case study of the HeLa cells	De Souza Aryane Tofanello, Calmon Marilia. F., De Souza Claudia M.G., Rahal Paula, Taboga S.R., Nery Jose Geraldo
0285	P1.56	MJF	Empizo	Poster session 1	Preparation and Characterization of Infrared Pulsed Laser Deposited Transparent Zinc Oxide Films	Empizo MJF, De Vero JC, Lopez RA, Garcia WO, Sarmago RV
0287	P1.57	bokinala	Kiran kumar	Poster session 1	Hydrothermal study of cobalt oxidation state in NaOH solution for obtaining layered sodium cobalt oxides	Kiran kumar bokinala, Miclau Marinela, Grozescu I
0288	P2.28	Mohammad	Mirjalili	Poster session 2	Synthesis, spectral properties and application of some azo acid dyes using nano silicagel supported by thionyl chloride	Mirjalili Mohammad, Bamoniri Abdulhamid, Zahed Fatemeh
0289	P1.58	Sh	Tabatabai Yazdi	Poster session 1	Magnetoelastic Properties of ErMn ₆ Sn ₆ Intermetallic Compound	Tabatabai Yazdi Sh, Tajabor N, Sanavi Khoshnoud D, Rezaee Roknabadi M, Pourarian F
0290	P1.59	P	Iranmanesh	Poster session 1	Magnetoelastic Properties of Nd ₆ Fe ₁₃ Cu Intermetallic Compound	Iranmanesh P, Tajabor N, Fruchart D, Pourarian F
0291	P1.136	J P	Singh	Poster session 1	Structural and Magnetic Study of Ni _{1.01} Sn _{0.01} Fe _{1.98} O ₄ Ferrite Nanoparticles	Pandey Kamla, Singh J P, Srivastava R C, Agrawal H M
0292	P1.137	Khatereh	Bahrpaima	Poster session 1	Dielectric Investigation of Binary Mixtures of Butanediols with 1, 4-Dioxane and 2-Ethyl-1-hexanol at Several Temperatures	Bahrpaima Khatereh, Ghanadzadeh Ali, Ghanadzadeh Hossien
0298	P1.60	D.V.	Firsov	Poster session 1	Synthesis and study of tridymite-type phosphate ceramics	Pet'kov V.I., Korchemkin I.V., Asabina E.A., Zaripov A.R., Slunchev O.M., Firsov D.V.
0299	P1.152	E.	Amzallag	Poster session 1	Ab-initio simulation of IR spectrometry of SrTiO ₃ thin layers	Amzallag E., Peng W.W., Niu G., Lecoer P., Vilquin B., Roy P.

0300	P2.109	G.	Nénert	Poster session 2	Magnetic and magnetoelectric properties of pyroxene materials ACrX ₂ O ₆ : From low dimensionality to magnetic frustration	Nénert G., Isobe M., Kim I., Ritter C., Vasiliev A. N., Kim K. H.
0304	P2.110	Amit	Srivastava	Poster session 2	La and Pr substitution(A-site) induced enhancement in multiferroic properties of BiFeO ₃ ceramics	Srivastava Amit, Srivastava Pankaj, Siwach P.K., Singh H.K., Chatterjee R., Srivastava O.N.
0306	P1.138	M K	Srivastava	Poster session 1	Magneto-electric phase evolution in polycrystalline Nd _{0.58-x} Gd _x Sr _{0.42} MnO ₃ : Impact of quenched disorder	Srivastava M K, Kumar Ashok, Yadav K, Varma G D, Kaur A, Singh H K
0307	P2.77	B	Dabrowski	Poster session 2	Search for enhanced thermopower in perovskites	Dabrowski B, Boona S, Kolesnik S, Wojciechowski K, Swierczek K
0309	P1.61	Yeganeh	Khaniani	Poster session 1	Nano-cage Silsesquioxane as a model for Click Chemistry on silica surface	Khaniani Yeganeh, Badiei Alireza
0311	P1.139	M K	Srivastava	Poster session 1	Comparative study of magneto-electrical properties in Nd _{0.58-x} Sm _x Sr _{0.42} MnO ₃ and Nd _{0.58-x} Gd _x Sr _{0.42} MnO ₃	Srivastava M K, Prasad R, Kaur A, Singh H K
0313	P1.62	Q	Liu	Poster session 1	Discover the location of Fe ⁴⁺ and Fe ³⁺ in Sr ₄ Fe ₄ O ₁₁	Liu Q, Gaudin E, Velazquez M, Wattiaux A, Toulemonde O
0323	P2.29	A.	Dobrovolsky	Poster session 2	Photosensitization of nanocrystalline SnO ₂ films with CdSe quantum dots.	Dobrovolsky A., Drozdov K., Vasiliev R., Ryabova L., Khokhlov D., Maslova O.
0324	P2.30	M.A.	Schiavon	Poster session 2	Synthesis of luminescent CdS quantum dots dispersed into poly(vinyl alcohol) matrix	Guimarães V.L., Balzuweit K., Raposo M.T., Schiavon M.A.
0325	P2.31	I.	Espitia-Cabrera	Poster session 2	PREPARATION OF NANOSTRUCTURED CERIA STABILIZED ZIRCONIA FILMS	Espitia-Cabrera I., Orozco-Hernández H.D., Medina-Flores A., Bartolo-Pérez P., Contreras-García M.E.
0326	P2.32	M.A.	Schiavon	Poster session 2	Improvement in Photoluminescence of Thiol-Stabilized Water Soluble Alloyed ZnSe(S) Nanocrystals	Viol L.C.S., Curt J.F., Ferreira D.L., Balzuweit K., Alves J.L.A., Schiavon M.A.
0330	P1.140	Taghi	Salemnoush	Poster session 1	Fluorescence study of metal interaction with immobilized Salten (Schiff base ligand)in the nanorestrict channels of SBA-15	Salemnoush Taghi, Badiei Alireza, Mohammadi Ziarani Ghodsi, Bavand Savadkoohi Roxana

0331	P1.141	L.G.	Akhalbedashvili	Poster session 1	EPR study of clinoptilolite modified forms from deposit of Georgia and Armenia	Akhalbedashvili L.G., Kvatashidze R.I., Todradze G.A.
0333	P1.142	Roxana	Bavand Savadkoohi	Poster session 1	Synthesis of new silane chromophore agent with dithiol anthracene derivative and immobilization in nanochannels of SBA-15	Bavand Savadkoohi Roxana, Badieli Alireza, Mohammadi Ziarani Ghodsi, Salemnoush Taghi
0334	P2.121	L.G.	Akhalbedashvili	Poster session 2	ADSORPTION-MICROCALORIMETRIC RESEARCH OF HTSC DEGRADATION IN AQUEOUS MEDIUM	Akhalbedashvili L.G., Sidamonidze Sh.I., Sidamonidze K.M.
0335	P1.150	Carlos	Paucar	Poster session 1	Long-range magnetic order in YBaCo ₄ O _{7+d} single-crystals without evident structural phase transition	Izquierdo Jorge, Montoya Juan, Gómez Adrian, Paucar Carlos, Arnache Oscar, Wolff Thomas
0337	P1.63	Jairo	Marín	Poster session 1	Optical response of textured YBaCo ₄ O _{7+d} thin films fabricated by dc sputtering at high-oxygen pressure	Montoya Juan, Izquierdo Jorge, Causado Jesus, Bastidas Alvaro, Nisperuza Daniel, Marín Jairo
0339	P2.33	L.	MRHARRAB	Poster session 2	Structural and dielectric characterisations of Pb(Ti, Zr)O ₃ ceramics	MRHARRAB L., ABABOU Y., ECH-CHAMIKH E., HAJJI L., OUTZOURHIT A., SAYOURI S.
0340	P1.151	Carlos	Paucar	Poster session 1	On the origin of ferromagnetism in high-quality epitaxial Zn _{1-x} Mn _x O thin films grown from PLD targets synthesized by Pechini's method	Mera Jenny, Doria Jose, Cordoba Carlos, Pareds Omar, Gomez Adrian, Paucar Carlos
0342	P2.34	M.E.	Contreras-García	Poster session 2	SYNTHESIS AND CHARACTERIZATION OF NANOSTRUCTURED TiO ₂ -ZrO ₂ PHOTOCATALYTIC SYSTEM	García-Soto E.F., García-Benjume M.L., Espitia-Cabrera I., Zárate-Medina J., Contreras-García M.E.
0343	P2.78	H	Pfeiffer	Poster session 2	Effect of water vapour during the CO ₂ capture process on alkaline zirconates	Martínez-díCruz L, Santillán-Reyes G G, Pfeiffer H
0344	P2.35	Jose Geraldo	Nery	Poster session 2	Synthesis and characterization of Co ₃ O ₄ nanoparticles using inorganic and organic bases and the effect of synthetic treatment with different acids in the formation of the competitive phases.	Silva Danilo A., De Souza Aryane T., Paula Alex S., Basso Glauca G., Semenzim Vinicus L., Nery Jose Geraldo
0347	P2.79	R.	Gautier	Poster session 2	Investigation on Stacking Faults in Electrode Materials using a New Combined Method Based on DFT Calculations	Gautier R., Gautier R., Audebrand N., Le Fur E.

0348	P1.64	Jose Geraldo	Nery	Poster session 1	Use of zeolites as inorganic support for Lipase immobilization and their use as biocatalyst for enzymatic transesterification of soybean oil to biodiesel.	Franco Gil C. P., De Vasconcellos Adriano, Paula Alex S., Luizon Roberto F., Ferrarezi Ana L., Nery Jose Geraldo
0350	P2.36	Guadalupe	Sánchez	Poster session 2	Facile synthetic procedures for calcium fluoride nanoparticles	Lomelí Martha, Montoya Pilar, Vega Roger, Domínguez Octavio, Gaona Adriana, Sánchez Guadalupe
0351	P1.65	Hajime	Wagata	Poster session 1	Microstructure control for spin-sprayed ZnO films at 90 o C and their photocatalytic activity	Wagata Hajime, Ohashi Naoki, Taniguchi Takaaki, Katsumata Ken-ichi, Okada Kiyoshi, Matsushita Nobuhiro
0353	P2.123	Mohamed	Abatal	Poster session 2	Study of the structural, electrical and magnetic properties of the $Ru_{1-x}Fe_xSr_2GdCu_2O_{8\pm z}$ $0 \leq x \leq 0,50$ system	Abatal Mohamed, Chavira Elizabeth, Gonzalez Gonzalo, Millán Jose Samuel, García Valentin
0354	P1.66	N.	Hayashi	Poster session 1	Synthesis and Magnetism of New Fe 4+ -Perovskite, Cubic BaFeO 3	Hayashi N., Yamamoto T., Kageyama H., Tohyama T., Nishi M., Takano M.
0355	P2.80	Nouara	AMAOUZ	Poster session 2	Sol Gel Synthesis and Characterization of $Ca_{(1-x)}Sr_xTi_{(1-y)}Zr_yO_3$ Materials	AMAOUZ Nouara, BOUZID Abderrazak, MARINEL Sylvain, ARIQUAT Mohamed, FANTOZZI Gilbert
0357	P2.81	D	Flahaut	Poster session 2	X-ray photoelectron spectroscopy studies of thermoelectric rhodium oxide $CuRhO_2$ and the effect of Mg doping	Flahaut D, Martinez H, Gonbeau D, Pachoud E, Pelloquin D, Maignan A
0358	P1.67	S.	Malo	Poster session 1	Stability of the Fe-2201 type phases $Sr_4B_6O_{13-d}$ (B=Fe,Co,Ga): structural and physical properties	Desmoulin H., Pérez O., Malo S., Hervieu M., Pelloquin D., Maignan A.
0359	P1.68	S.	Malo	Poster session 1	Syntheses and structural mechanisms of Fe-rich strontium ferrites : layered and collapsed structures	Malo S., Lepoittevin C., Pérez O., Hervieu M., Van Tendeloo G.
0360	P2.82	S. M. H.	Rahman	Poster session 2	50 mol% In doped BaTiO 3 : Characterization of Structure and Conductivity	Rahman S. M. H., Ahmed I., Knee C.S., Haugrud R., Eriksson S.G.
0361	P2.111	N E	Rajeevan	Poster session 2	Magnetolectric-Multiferroic Properties of Bi-substituted Co_2MnO_4	Rajeevan N E, Kumar Ravi, Shukla D K, Thakur P, Brookes N B, Choudhary R J
0363	P2.83	M	Oshikiri	Poster session 2	Water molecule dynamics on a surface of the WO_3 photo-catalyst	Oshikiri M, Boero M
0372	P1.69	A. M.	Arevalo-Lopez	Poster session 1	Structural Chemistry in the hydrogen reduced $SrCrO_{3-\delta}$ perovskite.	Arevalo-Lopez A. M., Rodgers J., Senn M., Gibbs W., Atfield J.P.

0375	P1.70	N.	Cornei	Poster session 1	Crystalline structure and electronic phases of La _{0.54} Ho _{0.11} Sr _{0.35} Mn _{1-x} Co _x O ₃ manganites	Craus M.-L., Cornei N., Lozovan M., Pui A.
0376	P1.143	J P	Singh	Poster session 1	Vibrational spectroscopic analysis of nanosized zinc ferrite irradiated with 100 MeV O ⁷⁺ beam	Singh J P, Pandy K, Srivastava R C, Agrawal H M, Kumar R
0380	P2.37	J.-Y.	Piquemal	Poster session 2	Polyol-made magnetic nanomaterials : the case of cobalt	Ait Atmane K., Piquemal J.-Y., Soumare Y., Beji Z., Viau G., Maurer T.
0383	P2.84	F.G	Kinyanjui	Poster session 2	protonic conduction and crystal structure of bazzr _{0.6} sc _{0.4} o _{3-d}	Kinyanjui F.G, Ahmed I, Eriksson S.G
0384	P1.144	Chen	Rongzhi	Poster session 1	Development of long-life-cycle tablet ceramic adsorbent for geosmin removal from water solution	Rongzhi Chen, Qiang Xue, Zhenya Zhang, Norio Sugiura, Zhongfang Lei, Yingnan Yang
0385	P1.71	Keng-Liang	Ou	Poster session 1	High-temperature microstructural characteristics on Ti-6Al-4V implant alloy	Huang Chiung-Fang, Huang Mao-Suan, Peng Pei-Wen, Chao Chuh-Yeh, Ou Keng-Liang, Yu Chih-Hua
0386	P2.38	Djamila	Hourlier	Poster session 2	Bottom-up approach to designing nanostructured materials for a variety of applications	Hourlier Djamila
0387	P1.72	Keng-Liang	Ou	Poster session 1	Effect of manganese on variations of microstructure and mechanical properties of Fe-Cr-C-based biomedical alloy	Lin Ling-Hung, Huang Chiung-Fang, Peng Pei-Wen, Chao chih-Yeh, Ou Keng-Liang, Yu Chih-Hua
0388	P1.73	Keng-Liang	Ou	Poster session 1	Effect of titanium element on the microstructure of Fe-Al-Mn-C biomedical alloy	Tsai Meng-Yuan, peng Pei-Wen, Lin Ming-Hong, Chao Chih-Yeh, Ou Keng-Liang, Yu Chih-Hua
0389	P2.85	Ruggero	Frison	Poster session 2	Oxygen mobility in the double layered cobalt-perovskite family	Frison Ruggero, Conder Kazimierz, Heiroth Sebastian, Esposito Martin, Lippert Thomas
0390	P1.74	N.	Cornei	Poster session 1	Influence of Mn substitution with V on magnetic and crystalline structure of La _{0.54} Ho _{0.11} Mn _{1-x} V _x O ₃ manganites	Craus M.-L., Mifta C., Cornei N., Sandu I.
0394	P1.75	G B	Stefanovich	Poster session 1	Bistable Switching and Memory Effects in Metal Oxides	Stefanovich G B, Velichko A A, Stefanovich T G, Putrolainen V V, Kundozerova T V

0395	P1.153	G B	Stefanovich	Poster session 1	Dimensional Constraint for Electrical Switching and Metal-Insulator Transition in Vanadium Dioxide	Pergament A L, Stefanovich G B, Velichko A A, Artyukhin D V, Kuldin N A
0398	P1.145	Alexander	Pogrebnyak	Poster session 1	MULTILAYERS NANOCOMPOSITE COATINGS Ti-N-Al/Ti-N/Al ₂ O ₃ /SUBSTRATE, THEIR STRUCTURE AND PROPERTIES	Pogrebnyak Alexander, Beresnev Vyacheslav, Il'yashenko Maxim, Kylyshkanov Manarbek
0399	P2.39	Alexander	Pogrebnyak	Poster session 2	STRUCTURE AND MECHANICAL PROPERTIES OF SUPERHARD NANOCOMPOSITE COATINGS ON Ti-Hf-Si-N BASE	Pogrebnyak Alexander, Beresnev Vyacheslav, Kaveri Mikhail, Karvat Cheslav, Makhmudov Nemat, Il'yashenko Maxim
0400	P2.86	D	Kundu	Poster session 2	Testing of selenium as an alternative cathode material to sulphur in lithium batteries	Kundu D, Nesper R
0401	P2.87	Haiquan	Su	Poster session 2	Effect of ZrO ₂ -Al ₂ O ₃ and SBA-16 Supports on the Catalytic Performance for Fischer-Tropsch Synthesis	Su Haiquan, Ding Ning, Zeng Shanghong, Yu Shiyong
0406	P2.40	P M	Botta	Poster session 2	Mechanochemical Synthesis and Photocatalytic Properties of Nanocrystalline Anatase	Botta P M, Vilchez A, Esquena J, Porto López J M
0409	P1.146	P.A.	Sermon	Poster session 1	Synthesis, Properties and Applications of Zeolite/C Nanocomposites and Zeolite Membranes	Jones S., Sermon P.A.
0410	P2.41	P.A.	Sermon	Poster session 2	Synthesis, Properties and Applications of Nanoparticulate FePO ₄	Sermon P.A., Mooring L., Smith D.
0416	P2.42	P.A.	Sermon	Poster session 2	Synthesis, Properties and Applications of Doped and Undoped Calcium Carbonate Nanoparticles	Sulimai N.H., Sermon P.A.
0417	P2.43	djebbari	chaffia	Poster session 2	Magnetic and Structural Properties of Mechanically Alloyed (Fe ₅₀ Co ₅₀) ₈₀ Al ₂₀ Powders	chaffia djebbari, safia Alleg
0418	P1.76	S.	García-Martín	Poster session 1	Ordering effects on the crystal microstructure of Gd _{0.5} Ba _{0.5} B _{1-x} B' _x O _{3-d} (B, B' = Mn, Co, Fe). A Transmission Electron Microscopy study.	Subakti S., Muñoz D., Alario-Franco M. A., García-Martín S.
0424	P1.77	Pavlos	Pandis	Poster session 1	Structural integrity after long-term oxygen permeation studies at La _{1-x} A _x B _y Fe _{1-y} O _{3-δ} compounds (A: Sr, Ba, B: Ti, Co)	Pandis Pavlos, Siaperas Vassilis, Ftikos Christos
0427	P1.78	A.	Rotaru	Poster session 1	Modelling the dielectric relaxation characteristics in tetragonal tungsten bronzes	Rotaru A., Arnold D.C., Morrison F.D.

0428	P1.79	A.	Rotaru	Poster session 1	Relaxor behaviour in tetragonal tungsten bronzes	Rotaru A., Arnold D.C., Morrison F.D.
0430	P2.100	G.	Campet	Poster session 2	Inorganic Electrochromic Systems : from a counter electrode and transparent conducting oxide point of view	Clatot J., Moulki H., Park D.H., Thimont Y., Campet G., Rougier A.
0431	P2.88	P	Pandis	Poster session 2	Preparation and characterisation of YSZ thin films deposited by RF sputtering over NiO/YSZ porous supports	Xenogiannopoulou E, Georgiopoulos E, Pandis P, Sakkas P, Argiris C, Stathopoulos V
0433	P1.80	Lassi	Karvonen	Poster session 1	Time-Resolved Study of the SrCoO _{3-δ} Reduction in Air at Mild-Temperature Range (100 - 300 °C)	Karvonen Lassi, Yoon Songhak, Hug Paul, Karppinen Maarit, Weidenkaff Anke
0434	P1.147	C.	Louro	Poster session 1	Manufacturing Light Ceramic B ₄ (C,Al) Solid Solutions by Mechanical Alloying	Louro C., Reis Marques H., Mendes J.F.
0435	P1.81	HARLLEY S. S.	TORRES	Poster session 1	STUDY OF MORPHOLOGY AND DIMENSIONAL TESTS OF TALC SCRAP OF INDUSTRIES AND ARTISANAL FACTORIES	TORRES HARLLEY S. S., LANA SEBASTIANA L. B., MOHALLEM NELCY D. S.
0437	P2.89	P	Ferreira	Poster session 2	Synthesis of sulfuric acid functionalized mesoporous phenylene-silica using microwave radiation	Ferreira P, Domingues E, Figueiredo F, Bion N
0438	P1.82	T	Sreckovic	Poster session 1	Photoacoustic characterization of mechanically activated zinc oxide	Sreckovic T, Nikolic MVP, Vojisavljevic K, Nikolic PM
0440	P2.112	X.	Vendrell	Poster session 2	Synthesis of a new PFN-BFO multiferroic bilayer by rf-sputtering technique.	Ostos C., Raymond O., Suarez-Almodovar N., Siqueiros J., Mestres L., Vendrell X.
0441	P2.58	G.A.	Voronova	Poster session 2	Dispersed TiO ₂ photocatalysts for utilization of wastes	Voronova G.A., Emel'yanova E.Yu., Fedotova M.P., Vodyankina O.V.
0443	P2.44	Ilya	Espitia	Poster session 2	Comparing the efficiency of TiO ₂ -N, Bi ₂ MoO ₆ -N nanostructured catalysts for lignin photo degradation	Rangel Ricardo, Espitia Ilya
0447	P2.45	C.	Caizer	Poster session 2	The Co ferrite nanoparticles/ liposomes: magnetic bionanocomposites for applications in malignant tumors therapy	Caizer C., Hadaruga N., Hadaruga D., Tanasie G., Vlazan P.
0455	P1.83	Sutichai	Chaisitsak	Poster session 1	Conductivity Type Control and Gas Sensing Properties of Tin(II) Oxide Films	Chaisitsak Sutichai
0458	P2.113	L.	del Campo	Poster session 2	Long and short range view of BiFeO ₃ temperature dependent lattice dynamics	Massa N.E., del Campo L., De Sousa Meneses D., Echegut P., Fabbris G.F.L., Azebedo G.

0460	P1.84	R. I.	Eglitis	Poster session 1	Ab initio calculations of SrTiO ₃ , BaTiO ₃ , PbTiO ₃ , and CaTiO ₃ (001) and (011) surfaces and F centers	Eglitis R. I.
0461	P1.85	R. I.	Eglitis	Poster session 1	Ab initio calculations of Nb-doped SrTiO ₃ bulk and surfaces	Eglitis R. I., Kotomin E. A.
0469	P2.90	Sophie	BEAUDET SAVIGNAT	Poster session 2	Elaboration and characterization of a new Ni-apatite anode for intermediate temperature SOFCs	BEAUDET SAVIGNAT Sophie, GROISIL Max, VULLIET Julien, POLIAKOFF Karine
0472	P2.91	C	Didier	Poster session 2	Study of the Na x VO ₂ phases : structure, electrochemistry and physical properties	Didier C, Szajwaj O, Gaudin E, Guignard M, Darriet J, Delmas C
0473	P2.92	G.	Godillot	Poster session 2	Strategies for improving the electronic conductivity properties of nano-Co ₃ O ₄ for supercapacitor applications	Godillot G., Guerlou-Demourgues L., Taberna P.-L., Simon P., Delmas C.
0474	P1.86	O. U.	Okeke	Poster session 1	Elastic Constants of Oxynitride Aluminum Spinel Phases	Okeke O. U., Lowther J. E.
0480	P1.148	N.	Kumar	Poster session 1	Dielectric properties of R ₂ CuTiO ₆ compounds	Kumar N., Singh K., Kaushik S. D., Rayaprol S., Gaur N. K., Bhattacharya S.
0484	P2.93	R P	Awbery	Poster session 2	DRIFT and Gravimetric Study of the Hydrolysis Kinetics of Lithium Hydride	Awbery R P
0488	P1.87	Seema	Gupta	Poster session 1	P-V Relation for Kr under High Pressure	Gupta Seema, Goyal S.C.
0489	P1.88	A.	Suárez-Gómez	Poster session 1	A 'bottom-up' approach to the sol-gel based synthesis of PZT (1-x)/x nanometric structures	Suárez-Gómez A., Saniger-Blesa J.M., Calderón-Piñar F., Roquero-Tejeda P.
0492	P1.89	H.	BELARBI	Poster session 1	AC conductivity of zirconia doped with rare earth oxides	BENALI Z., ZIANE B., BELARBI H.
0502	P1.149	J P	Singh	Poster session 1	Study of Gd substituted Nickel Ferrite	Dixit G, Singh J P, Srivastava R C, Agrawal H M, Asokan K
0503	P2.114	A	Maignan	Poster session 2	Spin, charge, lattice coupling and magneto(di)electric effects in CuMO ₂ delafossites	Simon Ch, Singh K, Poiñar M, Martin C, Maignan A
0504	P1.90	T	Ishizaki	Poster session 1	Facile Formation of Nanostructured Cerium Oxide on Magnesium Alloy as A Template of Superhydrophobic Surface	Ishizaki T, Teshima K, Saito N
0506	P1.91	Tuba	Yener	Poster session 1	Fabrication and Characterization of Aluminum/Nickel Aluminide Intermetallic Materials Prepared By Powder Metallurgy Method	Yener Tuba, Ozcelik Deniz, Sefali Mustafa, Efe Gozde, Zeytin Sakin

0508	P2.94	J-C.	GRENIER	Poster session 2	Lanthanide nickelates $\text{Ln}_2\text{NiO}_{4+d}$: adaptable oxygen electrode materials for solid oxide cells.	GRENIER J-C., MAUVY F., LALANNE C., MOUGIN J., BASSAT J-M.
0511	P1.92	Grzegorz	Moskal	Poster session 1	Thermal diffusivity of gradient TBC systems of $\text{RE}_2\text{Zr}_2\text{O}_7$ type	Moskal Grzegorz, Swadźba Lucjan, Rozmysłowska Aleksandra
0512	P1.93	Grzegorz	Moskal	Poster session 1	Degradation of $\text{Gd}_2\text{Zr}_2\text{O}_7$ TBC's system during annealing	Moskal Grzegorz
0513	P1.94	Grzegorz	Moskal	Poster session 1	Microstructure characterization of gradient TBC systems of $\text{RE}_2\text{Zr}_2\text{O}_7$ type	Moskal Grzegorz, Swadzba Lucjan
0518	P2.46	K	Teshima	Poster session 2	Spray Pyrolysis Deposition of Highly Ordered, Unique Nanostructured Metal Oxide Crystal Layers	Teshima K, Ishizaki T, Lee SH, Oishi S
0526	P1.95	Ivan	Pirrotta	Poster session 1	Soft Redox Chemistry of Half-Metallic Ferromagnet $\text{K}_2\text{Cr}_8\text{O}_{16}$	Pirrotta Ivan, Moran Miguelez Emilio, Alario-Franco Miguel Angel
0527	P2.95	E.	Morán	Poster session 2	THERMODYNAMIC STABILITY AND ELECTROCHEMICAL BEHAVIOUR OF HIGH PRESSURE FePO_4 POLYMORPHS	Morán E., Arroyo y de DomPablo M. E., Gallardo-Amores J. M., Amador U., Biskup N.
0539	P1.96	S.F.	MATAR	Poster session 1	Ab initio studies of intermetallic hydrides	MATAR S.F.
0544	P1.97	Osama	Hemeda	Poster session 1	The morphological , Electrical and Magnetic properties of $\text{Ni}_{0.8}\text{Zn}_{0.2}\text{Fe}_2\text{O}_4\text{-BaTiO}_3$ composite.	Hemeda Osama, Tawfik Abdel-Raouf, said Bahgat, El-Refaay Doaa
0547	P1.98	Sura	Ravi chandra reddy	Poster session 1	Evolution of the crystal and twin domain structure of $\text{SrFeO}_{2.5}$ and $\text{SrFeO}_{2.875}$ single crystals during oxygen uptake with temperature	Ravi chandra reddy Sura, PAULUS WERNER, SCHEFER JUERG
0548	P1.99	E. N.	Khatsko	Poster session 1	Microwave absorption in frustrated ferrimagnet Cu_2OSeO_3	Khatsko E. N., Kobets M. I., Dergachev K.G., Rykova A. I., Lemmens P., Wulferding D.
0554	P2.115	M	Akaki	Poster session 2	Spin driven electric polarization in $\text{Sr}_2\text{CoSi}_2\text{O}_7$ crystal	Akaki M, Ehara M, Akahoshi D, Kuwahara H
0555	P2.116	M	Ehara	Poster session 2	Magnetodielectric properties in layered oxide $\text{CaBaCo}_4\text{O}_7$ with spin frustration	Ehara M, Akaki M, Akahoshi D, Kuwahara H

0559	P1.100	D	Pal	Poster session 1	Magnetoresistance and magnetocaloric effect of Ni-Fe-Ga alloys	Pal D, Mandal K
0561	P2.47	Andrey V.	Utkin	Poster session 2	Molecular dynamics investigation of the surface coating processes.	Utkin Andrey V., Golovnev Igor F., Fomin Vasilij M.
0562	P2.48	A.	Khare	Poster session 2	Structural and Optical Properties of Chemically Deposited CdS Nanocrystalline Films	Khare A., Kshatri D. S., Sahu R. B.
0564	P1.101	E	Dimitriu	Poster session 1	Donor doping of PZT materials	Dimitriu E, Ramer R
0565	P1.102	Emilio	Morán	Poster session 1	MICROWAVE-ASSISTED SYNTHESIS OF INORGANIC MATERIALS	Morán Emilio, Prado-Gonjal Jesús, de Prado-Escudero Javier, Blanco-Carazo Miriam, Conde-Román Jose Luis
0567	P2.96	A.	Galeeva	Poster session 2	Hopping Conductivity in Manganese-Cobalt-based Complex Oxides	Galeeva A., Napolsky Ph., Istomin S., Khokhlov D.
0570	P2.49	N.	Aguiló-Aguayo	Poster session 2	Superparamagnetic behaviour at low temperatures of carbon-encapsulated iron nanoparticles	Aguiló-Aguayo N., Bertran E.
0572	P2.122	Sourav	Marik	Poster session 2	MoSr ₂ RECu ₂ O ₈ (RE = Y, Er, Tm): MAGNETIC AND SUPERCONDUCTING PROPERTIES	Marik Sourav, Morán Emilio, Alario-Franco Miguel Ángel
0574	P2.50	A.N.	Kudlash	Poster session 2	Nanosized inorganic particles prepared via interphase synthesis	Kudlash A.N., Vorobyova S.A., Lesnikovich A.I.
0577	P1.103	O.I.	Solovyov	Poster session 1	Phase interactions in the quasi-binary system Ag ₃ VO ₄ – ScVO ₄ and new compounds Ag ₃ Sc(VO ₄) ₂ and Ag ₃ Sc ₂ (VO ₄) ₃	Solovyov O.I., Komissarova L.N.
0579	P2.51	T V	Venkatesha	Poster session 2	"Generation of Nanocrystalline NiO Particles by Solution Combustion Method and its Application as Zn-NiO Composite Coating"	Venkatesha T V, Chandrappa K G
0580	P2.117	A.C	CHAUDHURI	Poster session 2	Hydrothermal Synthesis and Structural, Ferromagnetic, Ferroelectric property study of Lanthanum doped Bismuth Ferrite	CHAUDHURI A.C, Mandal K.M
0584	P2.97	A	Maegli	Poster session 2	Oxynitride Perovskites as Novel Photocatalysts	Maegli A, Yoon S, Shkabko A, Leroy C, Graetzel M, Weidenkaff A
0585	P2.52	H	Ren	Poster session 2	Effects of carbon nanotubes on output properties of delay composition	Ren H, Jiao Q.J, Cui Q.Z.
0587	P1.104	H	Ren	Poster session 1	Research of naothermite ignited by SCB and its critical firing threshold, static sensitivity and ignition delay period	Ren H, Jiao Q.J, Cui Q.Z., Li H.J.
0589	P1.105	J.	Sánchez-Benítez	Poster session 1	High-pressure Synthesis, Crystal and Magnetic Structures of TeMO ₃ (M= Co, Ni) Perovskites: a Neutron Diffraction Study	Martínez-Lope M. J., Sánchez-Benítez J., Retuerto M., Alonso J. A.

0592	P1.106	J.	Sánchez-Benítez	Poster session 1	Crystal structure and physical properties of the CaCu ₃ (Ru _{4-x} Mnx)O ₁₂ (x=0 to 3) perovskites	de la Calle C., Barbanson F., Sánchez-Benítez J., Alonso J. A.
0595	P2.53	J.	Fonseca	Poster session 2	Remarkable Beneficial Effect of Nanodispersed Ceria on the Oxygen Mobility of Mesoporous Alumina	Fonseca J., Royer S., Bion N., Rangel M. C., Duprez D., Epron F.
0600	P1.107	J.	Sánchez-Benítez	Poster session 1	Crystal structure evolution of RVO ₃ (R=Sm, Eu, Gd and Dy) perovskite from synchrotron XRD data	Martínez-Lope M. J., Sánchez-Benítez J., Retuerto M., Alonso J. A.
0601	P2.54	B	Das	Poster session 2	Study of Structure and Magnetic Properties of Template Grown Two Dimensional Arrays of Cobalt Nanowires	Das B, Mandal K, Bakshi A, Sen P, Trunova A, Farle M
0606	P1.108	Denis	Pelloquin	Poster session 1	TEM techniques, some efficient tools to explore oxide systems :Crystal structure of new carbonated layered cobaltites	Pelloquin Denis, Demont Antoine, Bréard Yohann, Hébert Sylvie, Maignan Antoine
0608	P2.55	B	Das	Poster session 2	Magnetic Behaviour of Isolated and Two Dimensional Arrays of Template Grown Nickel Nanowires	Das B
0611	P1.109	Jose Geraldo	Nery	Poster session 1	Synthesis of Tungstenosilicate, Molybdenosilicate and Niobiosilicate microporous materials with mixed octahedral and tetrahedral framework oxides using derivatives of (S)-Sparteinium as structure directing agents.	Paula Alex S., De Vasconcellos Adriano, Oliveira Driely, Basso Glauca G., Semenzim Vinicius L., Nery Jose Geraldo
0612	P2.56	Joon Hyong	Cho	Poster session 2	Transmission properties of ZnO nanowire in radio frequency	Cho Joon Hyong, Yoon Hyung Seo, Kim Whan Kyun, Cha S. N., Jun Seong Chan
0620	P1.110	S	Briebesca Vázquez	Poster session 1	pH and atmosphere effect on characteristics of the powder oxides co-precipitated from Fe, Co and Mn containing solutions	Briebesca Vázquez S, Arellano-Lara A, Garnica-Romo G, Espitia-Cabrera I
0625	P1.111	E.D.	Yakushkin	Poster session 1	The superprotonic phase transitions: calorimetric studies	Yakushkin E.D.
0626	P1.112	E.D.	Yakushkin	Poster session 1	The phase diagram and superprotonic properties of CsHSO ₄ -CsH ₂ PO ₄ system	Komornikov V.A., Sandler V.A., Yakushkin E.D., Zimina G.V.
0630	P2.98	L	Veryaeva	Poster session 2	Thermodynamics of oxydo-reduction phenomena within soda-lime glass melts	Veryaeva L, Uspenskaya I, Brunet E
0631	P1.115	A	Yamamoto	Poster session 1	METAL-INSULATOR TRANSITION IN TI ₂ Rh ₂ O ₇ PYROCHLORE	Yamamoto A, Takagi H