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- KN 1 MÖSSBAUER EFFECT: A DUAL METHOD FOR MYRIAD APPLICATIONS**
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- PL 1 MÖSSBAUER SPECTROSCOPY IN SPACE: EXPLORATION OF THE SURFACE OF MARS AND ITS MOON PHOBOS WITH THE MINIATURIZED SPECTROMETER MIMOS II**
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- T1-O2** **A ^{57}Fe MÖSSBAUER SPECTROSCOPY STUDY OF IRON NANO PARTICLES OBTAINED IN SITU IN CONVERSION ELECTRODES**
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- T1-O3** **EFFECT OF ALUMINIUM ON THE HYPERFINE FIELD AND CRYSTALLIZATION BEHAVIOUR OF NANOPERM**
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- T1-O4** **MAGNETIC PROPERTIES OF IRON NANO CLUSTERS IN SILVER**
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- T1-O6** **ANOMOLOUS MAGNETIC BEHAVIOUR OF ZINC AND CHROMIUM FERRITES WITHOUT ANY HYPERFINE SPLITTING**
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- T1-O7** **MÖSSBAUER SPECTROSCOPY AND X-RAY DIFFRACTION OF HIGH ENERGY BALL-MILLED $\text{Fe}_2\text{O}_3/\text{TiO}_2$ COMPOSITE**
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- T1-O8** **MAGNETIC DYNAMICS OF NANOPARTICLES IN STATIC AND RADIO FREQUENCY RANGES**
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- T1-O9** **STRUCTURAL TRANSFORMATIONS IN NANOPERM-TYPE ALLOYS STUDIED BY MOSBAUER SPECTROMETERY AND DIFFRACTION OF SYNCHROTRON RADIATION**
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- T1-O10** **SOLID STATE NUCLEATION, HEAT AND MAGNETIC PROPERTIES OF IRON OXIDE NANOCLUSTERS**
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- T1-P2** **STRUCTURE AND MAGNETIC PROPERTIES OF Fe-DOPED NANO-TiO₂**
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- T1-P3** **MOSSBAUER EFFECT STUDIES ON MIXED LITHIUM-ZINC FERRITES PREPARED BY SOLUTION COMBUSTION METHOD**
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- T1-P4** **MOSSBAUER AND MAGNETISATION STUDIES OF IRON OXIDE NANOCRYSTALS**
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- T1-P5** **MOSSBAUER STUDY OF INTERGRANULAR PHASE IN $\text{Nd}_8\text{Fe}_{86-x}\text{Nb}_x\text{B}_6$ (X=0,1,2,3) NANOCOMPOSITE MAGNET**
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- T1-P6** **COMPARATIVE STUDY OF THE STRUCTURAL AND MAGNETIC PROPERTIES OF BULK AND NANOSTRUCTURED $\text{Fe}_2\text{Cr Al}$**
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- T1-P7** **PHASE TRANSFORMATION IN THE SIGMA PHASE OF A $\text{Fe}_{48.1}\text{V}_{51.9}$ at% ALLOY INDUCED BY BALL MILLING**
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- T1-P8** **MAGNETIC AND MOSSBAUER SPECTRAL STUDIES OF NANOCRYSTALLINE COBALT SUBSTITUTED MAGNESIUM FERRITES ($\text{Mg}_x\text{Co}_{1-x}\text{Fe}_2\text{O}_4$)**
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- T1-P10** **MÖSSBAUER STUDY OF NANO-CRYSTALLINE Li-Zn FERRITES**
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- T1-P13** **MOSSBAUER INVESTIGATION OF COBALT FERRITE NANOPARTICLES SYNTHESISED IN STYRENE-DIVINYLBENZEENE COPOLYMER MICROSPHERES**
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- T1-P18** **MAGNETIC AND MOSSBAUER SPECTROSCOPIC STUDIES ON NiZn FERRITE NANOPARTICLES SYNTHESISED BY A COMBUSTION METHOD**
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- T2-O2** SURFACE SPIN DISORDER IN NICKEL FERRITE NANOMAGNETS STUDIED BY IN-FIELD MOSSBAUER SPECTROSCOPY
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- T2-O3** MOSSBAUER AND ATOM PROBE TOMOGRAPHY CHARACTERISATION OF FINE PRECIPITATION IN MAGNETORESISTIVE CuFeNi RIBBONS
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- T2-O4** MOSSBAUER SPECTROSCOPY OF Co₂Mn_{1-x}Fe_xAl AND Co₂Mn_{1-x}Fe_xSn
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- T5-P2 SYNTHESIS AND SPECTROSCOPIC INVESTIGATION OF IRON(III) COMPLEXES OF N'-(THIOAROYL)PYRIDINE-2-CARBOHYDRAZIDES.**
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- T5-P3 MÖSSBAUER STUDIES ON ALKALINE EARTH FERRITES PREPARED BY THE COMBUSTION OF METAL NITRATE-OXALYL DIHYDRAZIDE SOLUTIONS**
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- T5-P4 MÖSSBAUER STUDY OF Fe-POLY GALACTURONATE COORDINATION COMPOUNDS**
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- T5-P5 MÖSSBAUER INVESTIGATION OF THE VALENCE STATE AND LOCALIZATION SITES OF TIN DOPANT CATIONS IN ANTIFERROMAGNETIC FeTiO_3**
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- T5-P11 BONDING NATURE BETWEEN RARE EARTH METAL IONS- LIGAND BONDING PROVED BY ^{151}Eu AND ^{155}Gd MÖSSBAUER SPECTROSCOPY**
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- T5-P14 REACTIONS OF ^{57}Mn IMPLANTED INTO $\gamma\text{-O}_2$**
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- T5-P15 MÖSSBAUER STUDIES OF Fe^{2+} AND Fe^{3+} MIXED STATE IN ILMENITE-HEMATITE SOLID SOLUTION**
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- T5-P16 MIXED VALENCE STATES IN COBALT IRON CYANIDES**
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- T5-P17 MÖSSBAUER SPECTROSCOPY OF LANTHANUM AND HOLMIUM FERRITES**
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- T5-P20 CHEMICAL BONDING AND QUADRUPOLE SPLITTINGS OF ^{57}Fe MOSSBAUER SPECTRUM IN ACTIVE SITES OF OXYHEMOGLOBIN AS CALCULATED BY $X\alpha\text{-DV}$ METHOD**
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- T5-P22 MOSSBAUER STUDY OF THE METAL CONTAINING LIQUID-CRYSTALLINE IONOGENS**
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- T5-P24 IN-SITU MÖSSBAUER STUDY ON FE BASED METAL-ORGANIC FRAMEWORKS**
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- T5-P25 MOSSBAUER STUDIES OF $\text{Fe}(\text{III})$ COORDINATION POLYMERS**
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- T5-P26 MOSSBAUER STUDY OF IRON IN HIGH OXIDATION STATES IN THE K-Fe-O SYSTEM**
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- T5-P27 STUDY OF ABHURITE $\text{Sn}_{21}\text{O}_6\text{Cl}_{16}(\text{OH})_{14}$**
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- T5-P28 STUDY OF THE TIN OXY-HYDROXYSULFATE $\text{Sn}_3\text{OSO}_4(\text{OH})_2$**
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- T5-P29 INFLUENCE OF Co IMPURITIES ON THE HYPERFINE PARAMETERS OF ^{181}Tm IN Hf FOIL**
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- T6-O2** DISORDERED CHROMITE IN THE MARTIAN METEORITE ALLAN HILLS 84001
H. P. Gunnlaugsson, C. Bender Koch, K. Bharuth-Ram, M. Dietrich, Ö. Helgason, R. Mantovan, D. Naidoo, S. Steinthorsson, L. Vistisen and G. Weyer
- T6-O3** MÖSSBAUER STUDIES ON IMPACTITES FROM LONAR IMPACT CRATER
H. C. Verma, Saumitra Misra, M. Shyam Prasad, N. Bijlani, A. Tripathi, and Horton Newsom
- T6-O4** ⁵⁷Fe MÖSSBAUER SPECTROSCOPY STUDY OF ORGANIC RICH SEDIMENT (SOURCE ROCKS) FROM TEST WELL K-263 OF CAMBAY BASIN, INDIA
Amita Tripathi, Abhijit Kulshreshtha, K.R. Patel, Y.K. Sharma and R.P. Tripathi
- T6-O5** FOUGERITE Fe^{II-III} OXYHYDROXYCARBONATE IN ENVIRONMENTAL CHEMISTRY
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- T6-O6** WEATHERING PRODUCTS OF ORDINARY CHONDRITES FROM THE ATACAMA DESERT STUDIED BY MOSSBAUER SPECTROSCOPY
R. B. Scorzelli, M. Valenzuela, P. Munayco, Y. A. Abdu, E. dos Santos and D. Morata

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- T6-P2** IRON SPECIATION IN FAULT GOUGE FROM THE USHIKUBI FAULT ZONE CENTRAL JAPAN
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- T6-P3** IRON OXIDE RATIO AND THE SOIL COLOR ATTRIBUTE
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- T6-P4** STUDY OF IRON METEORITE SIKHOTE-ALIN AND EXTRACTED IRON-NICKEL PHOSPHIDES BY MÖSSBAUER SPECTROSCOPY WITH HIGH VELOCITY RESOLUTION
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- T6-P5** MÖSSBAUER SPECTROSCOPY WITH HIGH VELOCITY RESOLUTION IN THE STUDY OF ORDINARY CHONDRITES
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- T6-P6** MÖSSBAUER STUDY OF SYNTHETIC JAROSITES
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- T6-P7** ⁵⁷Fe MÖSSBAUER SPECTROSCOPY AND X-RAY DIFFRACTION STUDY OF SOME COMPLEX METAMICT MINERALS. PART II
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- T6-P8** MÖSSBAUER STUDY OF TEKTITES
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- T6-P9** MÖSSBAUER AND MINERAL MAGNETIC STUDIES ON ARCHAEOLOGICAL POTTERIES FROM ADHICHANALLUR, TAMILNADU, INDIA
R. Venkatachalapathy, T. Bakas, N. Basavaiah and K. Deenadayalan
- T6-P10** HIGH-TEMPERATURE CATION ORDERING IN OLIVINE: AN IN SITU MÖSSBAUER STUDY ON SYNTHETIC (Mg_{0.55}Fe_{0.45})₂SiO₄ (Fe₄₅)
Y. A. Abdu, H. Annersten and T. Ericsson
- T6-P11** CHARACTERIZATION OF MAGHSAIL METEORITE FROM OMAN BY MÖSSBAUER SPECTROSCOPY, X-RAY DIFFRACTION AND PETROGRAPHIC MICROSCOPY.
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- T6-P12** MÖSSBAUER STUDY ON MICROWAVE SYNTHESIZED (Cu, Fe) SULFIDE COMPOSITES AND CORRELATION WITH NATURAL MINERAL-CUBANITE
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- T6-P13** EFFECTS OF CITRATE-DITHIONITE-BICARBONATE TREATMENT ON CONCENTRATING MAGNETIC MINERALS OF SLIT AND CLAY FRACTIONS FROM AN ULTISOL OF SOUTHERN CHILE
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- T6-P14** MÖSSBAUER STUDIES OF POLISH ENSTATITE METEORITE - ZAKŁODZIE
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- T6-P15** MÖSSBAUER STUDY OF DUST GENERATED FROM OLIVINE BASALT: APPLICATION TO MARS
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- T6-P16** MÖSSBAUER STUDY OF ANCIENT IRON SMELTING SLAG
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- T6-P17** STUDY MINERALS SAMPLES OF ORES AURIFEROUS FROM COLOMBIAN MINE THE "ANIMAS", USING OPTICAL MICROSCOPY, X-RAY DIFFRACTION (XRD) AND MÖSSBAUER SPECTROSCOPY
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- T6-P18 A MÖSSBAUER SPECTROSCOPIC STUDY OF SIMULATED WEATHERING OF DIDWANA ORDINARY CHONDRITE**
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- T6-P19 ⁵⁷Fe MÖSSBAUER SPECTROSCOPY STUDY OF PHLOGOPITE FROM THE ALLOCHTHONOUS OCEANIC KIMBERLITE OF EASTERN OMAN**
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- T6-P20 ADVANCED MINIATURIZED MÖSSBAUER SPECTROMETER MIMOS II FOR EXOBIOLGY STUDIES OF THE MARTIAN SURFACE AND EXPLORATION OF THE MARS MOON PHOBOS**
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- T6-P21 MÖSSBAUER STUDY OF RECENT CERAMIC FINDS FROM PACHACAMAC,CENTRAL PERU**
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- T6-P23 REDUCTION OF IRON (III) IN THE ANNEALED ASBESTOS/CHRYSSOTILE**
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- T6-P24 NEW MINERALOGICAL PHASES IDENTIFIED BY MÖSSBAUER MEASUREMENTS IN MORASKO METEORITE**
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- T6-P25 WEATHERING OF MARTIAN AND EARTH SURFACE STUDIED MÖSSBAUER SPECTROSCOPY**
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- T6-P26 PREFERENTIAL OCCUPATION OF Fe IN PYROXENE IN DIOGENITES**
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- T6-P28 STRUCTURAL PROPERTIES AS A GUIDE TO OBSIDIAN PROVENANCE IN ECUADOR**
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- T6-P29 IRON VALENCY IN MINERALS OF XENOLITHS AND REDOX STATE OF THE UPPER MANTLE (BY MÖSSBAUER SPECTROSCOPY DATA)**
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- T6-P30 JAROSITE AT MERIDIANI PLANUM AND WEATHERING RINDS AT GUSEV CRATER: INTERPRETATION OF MOSSBAUER SPECTRA OBTAINED DURING THE MARS EXPLORATION ROVER MISSION**
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- T6-P31 MÖSSBAUER SPECTRAL PROPERTIES OF FEW NATURAL FERROMAGNESIAN PYROXENES**
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- T6-P32 COMPARISON OF THE ROCKMAGNETIC AND MÖSSBAUER STUDIES OF PALEOZOIC ROCKS FROM SOUTHERN SPITSBERGEN, ARCTIC**
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- T6-P33 NATURE OF THE IRON MINERALOGY OF THE VREDEFORT MAGNETIC ANOMALY INVESTIGATED IN MOSSBAUER SPECTROSCOPY**
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- T7-O2 VARIETY OF AVAILABLE COORDINATION STATES FOR EXTRA-FRAMEWORK IRON IN LTA ZEOLITES**
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- T7-O3 MÖSSBAUER STUDY OF FERRIMAGNETISM IN FeII-III (OXY-) HYDROXYCARBONATE GREEN RUSTS**
B. Rusch, J.-M. R. Génin, Ch. Ruby, M. Abdelmoula and P. Bonville

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- T7-P1 EFFECT OF IRON DOPING ON THE PHOTOCATALYTIC PROPERTIES OF TITANIA FOR DEGRADATION OF HEXAVALENT CHROMIUM (Cr^{+6})**
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- T7-P2 ^{119}Sn MÖSSBAUER SPECTROSCOPY: A POWERFUL TOOL TO UNFOLD THE REACTION MECHANISM IN ADVANCED ELECTRODES FOR LITHIUM-ION BATTERIES**
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- T7-P3 NON-INNOCENT LIGATION IN HETEROVALENT DINUCLEAR IRON COMPLEXES: MOSSBAUER MAGNETO-STRUCTURAL AND ELECTROCHEMICAL STUDIES**
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- T7-P4 LITHIUM INSERTION-DEINSERTION MECHANISM IN NbSn_2 ANODE BY ^{119}Sn MÖSSBAUER SPECTROSCOPY**
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- T7-P5 EVOLUTION OF THE NEGATIVE ELECTRODE (TIN/SILICATE) FOR Li-ION BATTERIES STUDIED BY ^{119}Sn MÖSSBAUER SPECTROSCOPY**
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- T7-P6 MÖSSBAUER SPECTROSCOPY AND NUCLEAR INELASTIC SCATTERING STUDIES ON TRINUCLEAR OXO BRIDGED IRON CATALYSTS - FIRST RESULTS**
S. Rajagopalan, T. Asthalter, V. Rabe, U. van Bürck, F.E. Wagner and S. Laschat
- T7-P7 CONDITIONS FAVOURING THE FORMATION OF AKAGANEITE AS A CORROSION PRODUCT**
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- T7-P8 ISOTHERMAL OXIDATION OF Fe-Mn-Al-C-Cr-Si-Mo, Fe-Mn-Al-C-Cr-Si AND Fe-9Cr-Mo ALLOYS**
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- T7-P9 THE TWO-STEP SPIN CROSSOVER IN A NOVEL MONONUCLEAR IRON (III) COMPLEX STUDIED BY MÖSSBAUER SPECTROSCOPY**
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- T7-P10 NEUTRON IN-BEAM MÖSSBAUER SPECTROSCOPIC STUDY OF IRON DISULFIDE AT 298K AND 78K**
Y. Kobayashi, Y. Yamada, Y. Tsuruoka, M. K. Kubo, H. Shoji, Y. Watanabe, T. Takayama, Y. Sakai, W. Sato, A. Shinohara, M. Segawa and H. Matsue
- T7-P11 MÖSSBAUER STUDY OF THE ELECTROCHEMICAL REACTION OF Li WITH FeP_y ($y=1,2,4$)**
Jumas J.C., Womes M., Boyanov S., Monconduit L.
- T7-P12 MÖSSBAUER STUDY OF THE REACTION OF NiSb_2 VS LITHIUM**
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- T7-P13 MOSSBAUER SPECTROSCOPY OF NEW SELECTIVE SORBENTS AND CATALYSTS**
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- T7-P14 SYNTHESIS AND STUDY OF THE STRUCTURAL AND CATALYTIC PROPERTIES OF NANOSTRUCTURED Fe OXIDES**
M.V.C. Tolentino, A.S. Albuquerque, R. Mendonca, J.P.Silva, J.D.Ardisson, W.A.A.Macedo

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- T8-O1 MÖSSBAUER EFFECT STUDIES OF SmCo₅/Fe NANOCOMPOSITE HARD MAGNETIC MATERIALS**
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- T8-O2 MAGNETIC PROPERTIES AND MÖSSBAUER STUDIES IN AS CAST AND DIRECTIONALLY SOLIDIFIED Tb_{0.3}Dy_{0.7}Fe_{1.95}**
Mithun Palit, J. Arout Chelvane, S. Pandian, M. Manivel Raja and V. Chandrasekaran
- T8-O3 ⁵⁷Fe AND ¹⁵¹Eu MOSSBAUER STUDY OF MULTIFERROIC Bi_{1-x}Eu_xFeO₃ SYSTEM**
Deepti Kothari, V.Raghavendra Reddy, Ajay Gupta and A.Banerjee
- T8-O4 MÖSSBAUER SPECTROSCOPY OF DILUTE Fe IMPURITIES IN CUBIC III-V COMPOUND SEMICONDUCTORS**
H. P. Gunnlaugsson, G. Weyer, R. Mantovan, D. Naidoo, R. Sielemann, K. Bharuth-Ram, M. Fanciulli, K. Johnston, S. Olafsson, G. Langouche
- T8-O5 FINAL LATTICE SITES AND CHARGE STATES OF ⁵⁷Fe AFTER DIFFUSION PROCESSES AT HIGH TEMPERATURES FOLLOWING GeV- IMPLANTATION of ⁵⁷Mn INTO Si**
Y. Yoshida, Y. Kobayashi, K. Yukihira, K. Hayakawa, K. Suzuki, A. Yoshida, H. Ueno A. Yoshimi, K. Shimada, D. Nagae, K. Asahi and G. Langouche
- T8-O6 EFFECT OF COOLING CONDITIONS ON THE MAGNETIC STRUCTURE OF MULTIFERROIC BiFeO₃ SYNTHESIZED BY MECHANICAL ACTIVATION**
Harikishan Thota, Ashish Garg, Brajesh Pandey and H.C.Verma
- T8-O7 MAGNETISM AT Fe-IONS IMPLANTED IN HOPG GRAPHITE**
R. Sielemann, Y. Kobayashi, Y. Yoshida, H.P. Gunnlaugsson and G. Weyer
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- T8-P1 MÖSSBAUER SPECTROSCOPY AND MAGNETIC FORCE MICROSCOPY STUDY OF 475°C EMBRITTLEMENT OF AN AISI 444 STEEL**
J. A. M. Lopes, B. R. A. Neves and W. A. A. Macedo
- T8-P2 MICROSTRUCTURE AND MÖSSBAUER STUDIES ON MAGNETOSTRICTIVE Tb_{0.3}Dy_{0.7}Fe_{1.95-x}Nb_x (x = 0, 0.025, 0.05 & 0.075)**
J. Arout Chelvane, Mithun Palit, S. Pandian, M. Manivel Raja and V. Chandrasekaran
- T8-P3 MÖSSBAUER STUDIES OF GdFe_{2-x}Hf_x ALLOYS**
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- T8-P4 EFFECT OF PRECIPITATION TEMPERATURE ON THE CATION ION DISTRIBUTION IN Cu SUBSTITUTED Co-Zn FERRITE**
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- T8-P5 THEORETICAL AND MÖSSBAUER STUDY OF Fe_{53.8}Cr_{46.2} σ-PHASE**
J. Cieslak, J. Tobola, S. M. Dubiel, M. Reissner, W. Steiner and S. Kaprzyk
- T8-P6 LOW TEMPERATURE ROUTE TO THE MULTIFERROIC FeAlO₃: XRD AND MÖSSBAUER CHARACTERIZATIONS**
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- T8-P7 HIGH TEMPERATURE ⁵⁷Fe MOSSBAUER STUDY OF Ca DOPED MULTIFERROIC BiFeO₃ SYSTEM**
Deepti Kothari, V.Raghavendra Reddy and Ajay Gupta
- T8-P8 CONCENTRATION CHANGE OF PARAMAGNETIC PHASE FORMED BY SPINODAL DECOMPOSITION IN A FERRITIC Fe-Cr-Ni-Mo ALLOY**
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- T8-P9 ⁵⁷Fe MOSSBAUER STUDY OF La_{0.67}Ca_{0.33}Mn_{1-x}Fe_xO₃ CMR SYSTEM**
V.Raghavendra Reddy, R.Rawat, T.G.Reddy, Ajay Gupta, P.Y.Reddy and K.Rama Reddy
- T8-P10 HYPERFINE MAGNETIC INTERACTIONS IN DILUTE Fe_{0.008}Ge_{1-x}Sb_x SYSTEM**
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