

Parallel Session  
Room: Opal, 1<sup>st</sup>Day

Time	Author	Paper Title	Kode
13.00-13.15	Dicky Rezky Munazat	Effect of Sintering in Nanosized SrMnO <sub>3</sub> Perovskite by Sol-Gel Method	A01
13.15-13.30	Handoko Subawi	Microwave Response of Gd-Doped YIG Based Y-Junction Stripline Circulator for Use at Very High Frequencies	A02
13.30-13.45	Djati Handoko	Effect of A site substitution on NdSrMnO <sub>3</sub> Nanosized Perovskite Prepared by Sol-Gel Method	A03
13.45-14.00	Fiqhri Heda Murdaka	Benchmarking Full-potential Linearized Plane Wave (FLAPW) Method for Muon Stopping Site Determination in LiF	A04
14.00-14.15	Ramlan	Analysis Magnetic Properties and Corrosion Resistance of Hybrid Bonded Magnet BaFe <sub>12</sub> O <sub>19</sub> – NdFeB	A05
14.15-14.30	Yana Taryana	Structural, Magnetic and Microwave Absorption Characteristics of Ba <sub>1-x</sub> La <sub>x</sub> Fe <sub>12</sub> O <sub>19</sub> (x = 0; 0.1; 0.2;0.3;0.5;0.7)	A06
14.30-14.45	Afifah Thahirah Muzakki	Photocatalytic Activity of Magnetic Core-shell CoFe <sub>2</sub> O <sub>4</sub> @ZnO Nanoparticles for Purification of Methylene Blue	A07
14.45-15.00	Nurul Imani Istiqomah	The Effect of Silica on Photocatalytic Degradation of Methylene Blue Using Silica-Coated NiZn Ferrite Nanoparticles	A08

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Time	Author	Paper Title	Kode
13.00-13.15	Fitria Ayu Sulistiani	Effects of NaOH Concentration and Temperature on Microstructures and Magnetic Properties of Bismuth Ferrite (BiFeO <sub>3</sub> ) Nanoparticles Synthesized by Coprecipitation Method	A09
13.15-13.30	Candra Kurniawan	Micromagnetic Investigation of Magnetization Reversal in Sphere-Shaped Ferromagnetic Nanoparticle	A10
13.30-13.45	Deril Ristiani	Study on the magnetic properties of Na-doped rGO Compared to rGO Prepared from Coconut Shells	A11
13.45-14.00	Salim Mustofa	Early Characterization of NdFeB AND NdFeB / Co-Al Composites of Sintering Using SPS	A12
14.00-14.15	Setyo Purwanto	Influence of La, Mn and Zn Substitution on the Structure, Magnetic and Absorption Properties of M-Type Barium Ferrites	A13
14.15-14.30	Engkir Sukirman	Neutron Diffraction Study on Ce-Doped Nickel Ferrite Nanoparticles	A14
14.30-14.45	Yuda Bakti Zainal	Microstructure and Microwave Absorption Characteristics of(1-x)BaTiO <sub>3</sub> -(x)CoFe <sub>2</sub> O <sub>4</sub> (x= 0; 0.2; 0.5; 0.8; 1) Composites	A15
14.45-15.00	Susanto Sambasri	The Role of Particle Size on Radar Wave Absorption Characteristics of BaFe <sub>11</sub> TiMnO <sub>19</sub> Materials	A16

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Time	Author	Paper Title	Kode
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13.15-13.30	Wisnu Ari Adi	Studying the effect of praseodimium Pr substituted Nd <sub>2</sub> Fe <sub>14</sub> B alloys on its magnetic anisotropic properties prepared by arc melting	A18
13.30-13.45	Yunasfi	The Effect of Mole Ratio on Crystal Structure and Characteristic of Microwave Absorption Of ZnLaxFe(2-x)O <sub>4</sub> System	A19
13.45-14.00	Didin Sahidin Winatapura	Synthesis, Structure, Magnetic and Absorption Properties of Nd Doped Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> Garnets Prepared by Mechanochemical Method	A20
14.00-14.15	Mashadi	Microwave Absorption Characteristic of ZnNd(x)Fe(2-x)O <sub>4</sub> System	A21
14.15-14.30	Mashuri	Preparation and Microwave Absorbing Properties of Natural Ferrites from Corrosion Product as Radar Absorber Materials in X-Band	A22
14.30-14.45	Yohanes Edi Gunanto	Analysis of Crystallography Structure and Magnetic Properties of Microwave Absorbing Material Ba <sub>0.6</sub> Sr <sub>0.4</sub> Fe <sub>12-3x</sub> Zn <sub>2x</sub> Ti <sub>x</sub> O <sub>19</sub> (x = 0, 0.2, 0.4, and 0.6)	A23
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14.45-15.00	Budi Legowo	Annealing Time Effect of Magnetic Mineral in The Bengawan Solo River Fine-Sediment	A32
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15.15-15.30	Erfan Handoko	Microwave Absorbing Abilities of BaFe <sub>12</sub> O <sub>19</sub> /Fe <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> Multilayer Absorbers	A34
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Time	Author	Paper Title	Kode
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14.30-14.45	Putu Eka Dharma Putra	Coexistence of Weak Ferromagnetism and Paramagnetism in T'-Pr <sub>2-x</sub> Ce <sub>x</sub> CuO <sub>4+<math>\alpha</math>-<math>\delta</math></sub> Nanoparticles	A43
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15.00-15.15	Lucky Darmawan	Enhancement of Magnetic and Microwave Absorbing Properties of Ba(Fe,Mn,Ti) <sub>12</sub> O <sub>19</sub> /Co <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> Nanocomposite	A45
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Time	Author	Paper Title	Kode
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15.15-15.30	Vania Rahmawaty	The Mole Fraction Effect on Magnetical Properties of BaxSr1-xTiO3 (x = 0; 0.125; 0.25; 0.375; 0.500) Thin Film	A58
15.30-15.45	Putri Lailatul Bintari	Effect of Light Intensity on Magnetical Properties Based on SrTiO3 Thin-Film	A59
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