

Oral Presentations ICMS 2017

	Title	Co-authors
O1	Non-contact crystallization of protein in a superconducting magnet	Z.-Q. WU, Y.-M. LIU, J.-J. CHEN, P. SHANG, D.-C. YIN
O2	Magneto-sensitivity of bacterial cells <i>E. coli</i>	LETUTA U., SHAILINA D., BERDINSKIY V.
O3	Droplets and microstructure evolution of Zn-Bi immiscible alloys solidified under high static magnetic fields	Y. ZHONG, T. ZHENG, K. DENG, Z. REN, F. DEBRAY, E. BEAUGNON
O4	Combined experimental and numerical study of MHD flows in liquid metal blankets	C.MISTRANGELO, L. BÜHLER, H.-J. BRINKMANN
O5	Development of a new furnace for the <i>in-situ</i> observation of materials processing in high magnetic fields	K. TAKAHASHI, I. MOGI, S. AWAJI
O6	Magneto-electrodeposition of doped Cu ₂ O thin films: A spectroscopic ellipsometry analysis	M. BENAÏSSA, M. GILLIOT, A.-L. DALVIN, J.-P. CHOPART, A.HADJADJ
O7	Enhancement of electric and magnetic properties by tuning Co cluster in ZnO films via high magnetic field	Y. GAO, G. LI, Z. WANG, S. LIU, Q. WANG
O8	Influence of External Magnetic Field on Composition and Morphology of Cu-Ru Nanorods	I. DOBOSZ, K. KOŁCZYK, D. KUTYLA, R. KOWALIK, P. ZABINSKI
O9	Spinning permanent magnet pairs to create a periodic magnetic field for scientific researches	Y.-L. LIU, Jin HE, D.-W. LI, D. CHEN, Er-Kai YAN, Y.-J. YE, D.-C. YIN
O10	Non-contact manipulation of objects undergoing levitation in a magnetic field	Y. IKEZOE, Y. OKANO, C. TANEBE, M. OSAWA, and N. HIROTA
O11	Bi-axial Magnetic Alignment in Twinned REBa ₂ Cu ₃ O _y Superconductors	S. HORII, I. ARIMOTO, D. NOTSU, T. DOI
O12	Normal field instability in high temperature supercooled liquid Cobalt	E. BEAUGNON, J. WANG, J. LI
O13	Application of 3D magnetic orientation to X-ray single crystal structure determination from microcrystalline powders	T. KIMURA, F. KIMURA
O14	Analytical Application of Magnetic Orientation Linear Dichroism of Magnetic Nanoparticles	H. WATARAI, S. SUBHAN, M. SAKURAI
O15	Magnetic Field Effects on Crystallization by using LLIP Method	I. YAMAMOTO
O16	Spin dependent biological magnetosensitivity	V. L. BERDINSKIY, U. G. LETUTA, Y. TANIMOTO, C. UDAGAVA
O17	High Static Magnetic Fields and Iron Metabolism: the Implications to Bone Translational Researches	P. SHANG, J. YANG, J. ZHANG, D. DONG, G. ZHANG
O18	Dynamic light scattering in high magnetic fields	H. ENGELKAMP, R. S. M. RIKKEN, S. W. Nooteboom, and P. C. M. CHRISTIANEN
O19	Recent Topics in Magneto-electrochemical Chirality	I. MOGI, M. IWASAKA, R. MORIMOTO, R.AOGAKI, K. TAKAHASHI
O20	Evaporation-assisted magnetic separation of rare earth ions in aqueous solutions	Z. LEI, B. FRITZSCHE, Kerstin ECKERT
O21	Cu-doped Zinc Oxide (ZnO) thin Films Electrodeposited under Magnetic Field	O. RIOU, M. STÜBNER, J.-P. CHOPART, A.-L. DALVIN
O22	Micro-flow magnetic separation of rare earth metals ions in aqueous solutions	K. KOLCZYK, M. WOJNICKI, X. YANG, G. MUTSCHKE, D. KUTYLA, R. KOWALIK, P. ZABINSKI
O23	A Hybrid Approach for Unsteady MHD Dusty Flow with Heat Transfer	J.A. LIMA, B.N.M. SILVA, G.E. ASSAD
O24	Construction of a Pulsed Magnet Coil Suppressing Leakage Field	A. HAMASAKI, S.OZEKI
O25	Quenching furnace used in high magnetic fields up to 19 T	Y. MITSUI, R. KOBAYASHI, M. YAMASHITA, K. TAKAHASHI, K. KOYAMA, and S. UDA
O26	Strong magnetic field effect on the nucleation of highly undercooled metallic melt	J. WANG, Y. HE, J. LI, E. BEAUGNON
O27	Heating rate dependence of magnetic field effects on nano-crystallization of an iron-based amorphous alloy	R. ONODERA, K. TAKAHASHI, A. MAKINO
O28	Magnetic separation system to remove scales from boiler feed water in thermal power plants using superconducting magnet	N. HIROTA, H. OKADA, F. MISHIMA, S. NISHIJIMA, Y. AKIYAMA, H.MATSUURA, S. NAMBA, T. SEKINE