

RQ 17 & ISMANAM 27 CONFERENCE

POSTERS LIST

MONDAY
MAIN HALL, 17:30-19:00

Pos-01	B. MOROŃCZYK	The novel powder production method for 3D printing of metallic glasses
Pos-02	M.A. CLOZEL	Additive manufacturing of metallic glass from powder in space
Pos-03	M. RAHIMI CHEGENI	Thermodynamic assessment and CALPHAD calculations of the Ni-Pd-S glass forming ternary system
Pos-04	F. SPIECKERMANN	Fast calorimetry combined with time resolved X-ray diffraction of metallic glasses
Pos-05	T. SHI	Measurements of dendrite growth velocity in undercooled Ni-5Re alloys
Pos-06	S.X. LI	Investigation of dendrite growth velocity during rapid solidification of Ni-0.5wt.% Al alloys using a high-speed camera
Pos-07	M. FREY	X-ray photon correlation spectroscopy on a Pt-based metallic glass former under non-isothermal temperature scan conditions
Pos-08	C. CHANG	Diverse glasses revealed from Chang'E-5 lunar regolith
Pos-09	Z. LING	Thermodynamic and kinetic fragility assessment of $Pt_{42.5}Cu_xNi_{36.5-x}P_{21}$ alloy variations
Pos-10	M. DA SILVA PINTO	Decoupling of relaxation processes and medium range ordering in $Pd_{40}Ni_{40}P_{20}$ glasses
Pos-11	O.S. ELZOUBI	Understanding the undulatory behaviour of metallic glasses
Pos-12	C.A. RIGONI	Anomalous diffusion in thin-film Cu-Zr nanoglasses
Pos-13	S. SOHRABI	Structural evolution of rejuvenated $Zr_{55}Cu_{30}Al_{10}Ni_5$ BMG by elastostatic compression loading
Pos-14	T. ARJMANDABASI	In-situ metallic glass micropillar compression coupled with acoustic emission detection
Pos-15	B. ADAM	Introduction of sulfur into the $(Zr_3Ti)(NiCu)$ system – characterization of a new group of Zr based bulk metallic glasses containing sulfur
Pos-16	S.T. WOO	Effects of oxidation and crystallization on formability of Zr-based metallic glass in thermal nanoimprint lithography
Pos-17	W. ZHOU	The effect of oxygen on the mechanical properties and microstructure of industrial Zr-based bulk metallic glass
Pos-18	N. PLUTTA	Glass transition and crystallisation behaviour of Vitroperm©-type alloys
Pos-19	S. HADIBEIK	Rejuvenation behavior impacted by process parameters in Zr-based bulk metallic glass manufactured by laser powder bed fusion
Pos-20	S. KHADEMORZAIAN	Modifications of $Pd_{40}Ni_{40}P_{20}$ bulk metallic glass by swift heavy ion irradiation
Pos-21	L.M. RUSCHEL	Ni-Nb-P-based bulk glass-forming alloys: Superior material properties combined in one alloy
Pos-22	A. FIRLUS	Magneto-structural coupling in Fe-based bulk metallic glasses
Pos-23	A. ZHUKOV	Engineering of magnetic properties of Co-rich microwires by post-processing
Pos-24	V. ZHUKOVA	Soft magnetic behaviour of FeCoSiBPCNbCu (Fe-rich) alloys obtained by water atomization
Pos-25	N. LUPU	Anelastic structural changes induced by stress annealing in CoFeSiB amorphous magnetic wires
Pos-26	T.-A. ÓVÁRI	Structural relaxation in metastable magnetic submicronic wires

Pos-27	F. SHAHRI	Effect of quenching wheel speed in planar flow casting process on the structure and magnetic properties of Fe ₈₂ Si ₅ B ₁₃ wide ribbons
Pos-28	P. ZACKIEWICZ	High induction soft magnetic materials prepared by continuous ultra-rapid annealing method
Pos-29	D. JANIČKOVIČ	Microstructure and Magnetic Properties of Rapidly Quenched Fe-Co-Sn-B Based Alloys
Pos-30	I. JANOTOVÁ	Influence of compositional variation and preparation technology on structure of Fe-Co-Ni-Al-Mn based high entropy alloys
Pos-31	L.S. DE SILVA	The role of Sn on phase composition and magnetic properties of CuFeMnNiSnTi multi-principal elements alloy
Pos-32	Q. XU	Crack-healing mechanism in high entropy alloys under ion irradiation
Pos-33	M.A. ABBAS	Influence of Ti as an alloying element on microstructural evolution, mechanical properties, and photoelectrochemical (PEC) solar water splitting of CoCrFeNi ₂ Ti _x high entropy alloys
Pos-34	D.B. YUSUPOV	Influence of Al on the microstructure and mechanical parameters of (CrFeNiCu) _{100-x} Al _x high entropy alloys
Pos-35	T. RYGIER	Designing and manufacturing precipitation strengthened high entropy alloys formed by cold rolling and aging
Pos-36	M. WŁOCZEWSKI	Nitriding of high entropy alloy for changing surface properties
Pos-37	J. LIM	CrFeCo medium-entropy shape memory alloys
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Pos-39	J. ZHANG	Developing biocompatible high entropy alloys
Pos-40	S. DEVARAKONDA	One-step synthesis of TiO ₂ /reduced graphene oxide nanocomposite as an efficient electrode material for capacitive energy storage
Pos-41	M. SHAHIM	Metallic glasses as catalysts for CO oxidation
Pos-42	F.A. KAYAKOOL	Kg-scale conversion of coal based industrial waste to a graphitic material for application as an excellent anode material in lithium-ion battery
Pos-43	T. JAMIESON	On the development of inert anodes for sustainable, CO ₂ -free aluminium electrolysis
Pos-44	Z. LU	Unexpected enhanced catalytic performance via highly dense interfaces in ultra-fine amorphous-nanocrystalline biphasic structure
Pos-45	H. PANT	Nickel oxide decorated graphene nanosheets as electro-catalyst for efficient oxygen evolution reaction in water electrolysis
Pos-46	G.C. KANG	Effect of grain boundary characteristic on chromaticity of Cu-5Al-5Zn-1Sn alloy
Pos-47	C. KIM	Enhanced crack propagation resistance in Fe-Ni base superalloy by spontaneous segregation of boron
Pos-48	J.K. LEE	Microstructural and mechanical properties of Ti-6Al-4V/STS 304 dissimilar joints by diffusion bonding using hierarchical multilayers structure
Pos-49	S. SANTANA-HERNANDEZ	Preparation and characterization of 2D CeO ₂ -GQD composites by liquid phase deposition method
Pos-50	P. SARKAR	Analysis of deformation response of amorphous polymers during nanoindentation
Pos-51	O. NAKONECHNA	Features of crystal structure of MeN nitrides under HPHT sintering of cBN-{TiN, ZrN, HfN, VN, NbN}-Al blends
Pos-52	O. TEMESI	Estimation of hardness of single-phase metallic alloys
Pos-53	B. IDZIKOWSKI	Metastable structure and magnetocaloric effect in Fe ₁₁ Ni ₇₀ Zr ₇ B ₁₂

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