1996 1996	Oral Session								Keynote-25分/Invited-20分/一般-15分の場合
Septiminal Process Septiminal Pr	Keynote/Invited		Time to start	Time to finish				Account: Affiliation	Abstract title
Part	Chairperson: (Na				T HOC HOLLIO	Timado Hamo	17 WILL		
	V av mata	25 Con	10:20	10.55	Kohmai		Llalada	NIMO	Necessity and the horizon of international research
	Keynole	25 Sep.	10:30	10:55	Konmei		паіаца	INIIVIS	
	Invited	25 Sep.	10:55	11:15	Tetsuya		YAMAMOTO	Kochi Univesity of Technology	ITO: from Rare metal to Common Metal
1.56		25 Sep.	11:15	11:30	Yoshitomo		HARADA	NIMS	Ubiquitous Resistive Ramdom Access Memory (ReRAM) device composed of Al and O elements
		25 Sep.	11:30	11:45	An-Pang		TSAI	Tohoku University	,
1.5 1.5		25 Sep.	11:45	12:00	Tomoko		AKAI		Luminescent silica glass for the purpose of reducing rare
	Lunch	25 San	12:00	13.30				Science and Technology, AIST	earth used in lighting
		·	12.00	10.00					
15 Sqc	Chairperson: (Na	ame, Affiliation)	1	T	Ī	1	Ī	T	T
1.		25 Sep.	13:30	13:45	Yoshiyuki		KAWAZOE	Tohoku University	
1		25 Sep.	13:45	14:00	Kohshiro		TAMAOKI	Osaka Prefecture University	Eco-Friendly Recycling of Precious Metals Based upon Biotechnology
		25 Sep.	14:00	14:15	Shigehiro		NISHIJIMA	Osaka University	Rare Earth Phosphor Recycling with Magneto- Archimedes Method
Composer Mark Affabra		25 Sep.	14:15	14:30	Satoshi		SHIMANO	Sumitomo Chemical Co., Ltd.	Direct recycling of the Cathode Materials from Used
College power.		25 Sep.	14:30	14.45	Hidehiro		SEKIMOTO	Iwate University	Feasibility Study on a New Recycle Process of the Rare
Page 1985 Page	0-#	·							Earth Elements from the Neodymium Magnet
	Сопее ргеак	25 Sep.	14:45	15:00					
10 56 10 10 10 10 10 10 10 1	Chairperson: (Na	ame, Affiliation)	1	T	ı	T		T	
16 18 18 18 18 18 18 18		25 Sep.	15:00	15:15	Hideaki		ITOH	Rare Metal Recovery Institute, Inc.	
		25 Sep.	15:15	15:30	Masaru		YAMASHITA		Recycling of waste phosphors by high gradient magnetic separation method
		25 Sep.	15:30	15:45	Etsuro		SHIBATA		Separation and Purification of Sintered Tantalum
		25 Sen	15:45	16:00	Katsuhiro		NOSF	The University of Tokyo	Development of environmentally sound recycling
			+					, ,	process for platinum group metals Rare earth-free Ba-Ti-P-O system phosphor for lighting
Company Comp					<u> </u>				
25 Sep. 1-9.5 1-		25 Sep.	16:15	16:30	Tsuyoshi		YOSHITAKE	Kyushu University	and Ultrananocrystalline Diamond/Hydrogenated
	Chairperson: (Na	ame, Affiliation)	_						
		25 Sep.	16:35	16:50	Sherif	A.	EL-SAFTY	National Institute for Materials Science	Visual Removal of Heavy Metals from Water Based on Mesoporous Aluminosilica Monoliths
		25 Sep.	16:50	17:05	Chikashi		NISHIMURA	National Institute for Materials Science	Development of vanadium alloy membranes for hydrogen separation with a high hydrogen flux and the
		25 Sep.	17:05	17:20	Shigeki		HARA	AIST	Quantitative Evaluation of Hysteresis in Hydrogen
			17:20				ΗΔΡΔ	National Institute of Advanced Industrial	Poly(arylene ether) anion exchange membranes for
			+						alkaline fuel cells based on phenolphthalein derivatives An atomistic study on the interaction of hydrogen atoms
Chairponton: Name Affiliation: Proceedings Processing Processi		25 Sep.					ITAKURA	Japan Atomic Energy Agency	
Remarks 27 Sep. 10.30 10.40 Nasarori Nagal Office for Materials Science and Control (National Procession of MEXT	overview	25 Sep.	17:50	18:00					
Name	Chairperson: (Na	ame, Affiliation)	_			_			
Remarks	Remarks	27 Sep.	10:30	10:40	Masanori		Nagai		
No. 11.11 11.12	Remarks	27 Sep.	10:40	10:50	Masakuni		Inoue	Nonferrous Metals Division, METI	
No. 11.11 11.12	Keynote	27 Sep.	10:50	11:15	Diana	J	BAUER	U.S. Department of Energy	U.S. DOE's 2011 Critical materials Strategy
	Kevnote	27 Sen	11:15	11:40	Arnold		TIIKKER	TNO Netherlands and NTNLL Norway	Towards a global stock and flow model for critical
Chairperson: (Name, Affiliation 27 Sep. 11:35 18:30 18:46 Tadashi FURUHARA Tohoku University Alloy Design in Surface Hardening of Steels By Element Strategy Alloy Design in Surface Hardening of Steels By Element Strategy Alloy Design in Surface Hardening of Steels By Element Strategy Alloy Design in Surface Hardening of Steels By Element Strategy Alloy Design in Surface Hardening of Steels By Element Strategy Alloy Design in Surface Hardening of Steels By Element Strategy Alloy Design in Surface Hardening of Steels By Element Strategy Alloy Design in Surface Hardening of Steels By Element Strategy Alloy Design in Surface Hardening of Steels By Element Strategy Alloy Design in Surface Hardening of Steels By Element Strategy Alloy Design in Surface Hardening of Steels By Surface Alloy Design in Surface Hardening of Steels By Surface Alloy Design in Surface Alloy Design Alloy Design in Surface Alloy Design in Surface Alloy Design A	. toynoto		1						
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27 Sep. 13:30 13:45 Tadashi FURUHARA Tohoku University Alloy Design in Surface Hardening of Steels Bis Element Strategy Alloy Design in Surface Hardening of Steels Bis Element Strategy Alloy Design in Surface Hardening of Steels Bis Element Strategy Alloy Design in Surface Hardening of Steels Bis Element Strategy Indicated Planch Indicatation	Lunch	27 Sep.	11:55	13:30					
27 Sep. 14:00 14:15 Motohiro VASA National Institute for Materials Science Information-induced plasticity of metals with ve attack of defects 14:00 14:15 Motohiro VASA National Institute of Advanced Industrial Molecular dynamics and first-principles study of boundary sliding in metals with ve attack of defects VASA National Institute of Advanced Industrial Molecular dynamics and first-principles study of boundary sliding in metals with ve attack of defects VASA National Institute of Technology Phase-Field Simulation of Segregation Behavis Molecular dynamics and first-principles study of boundary sliding in metals Molecular dynamics and first-principles study of boundary sliding in metals Molecular dynamics and first-principles study of boundary sliding in metals Molecular dynamics and first-principles study of boundary sliding in metals Molecular dynamics and first-principles study of boundary sliding in metals Molecular dynamics and first-principles study of boundary sliding in metals Molecular dynamics and first-principles study of the place of the Molecular dynamics and first-principles study of the Molecular dynamics and study of the	Chairperson: (Na	ame, Affiliation)							
27 Sep. 14:00 Takahito		27 Sep.	13:30	13:45	Tadashi		FURUHARA	Tohoku University	Alloy Design in Surface Hardening of Steels Based on Element Strategy
27 Sep. 14:00 14:15 Motohiro VUASA National Institute of Advanced Industrial Science and Technology boundary saliding in metals to boundary saliding in metals of Science and Technology boundary saliding in metals of Science and Technology boundary saliding in metals of Science and Technology boundary and Interphrase Bou		27 Sep.	13:45	14:00	Takahito		OHMURA	National Institute for Materials Science	Indentation-induced plasticity of metals with various
Science and reconstructing Soundary Studing in Measure Science and reconstructing Soundary Studing in Measure Science and reconstructing Study Studies of Segregation Behaving Soundary and Interphase Behaving Interphase Behaving Interphase Behaving Interphase Behaving Interphase Behaving Interphase Behaving Interphase Soundary and Interphase Behaving Interpha								National Institute of Advanced Industrial	Molecular dynamics and first-principles study of grain
27 Sep. 14-19 14-39 14-45 14									boundary sliding in metals Phase-Field Simulation of Segregation Behavior at Grain
Coffee break 27 Sep. 14:45 16:00 14:45 16:00								0.	
Chairperson: (Name, Affiliation) 27 Sep. 15:00 15:15 Shigeto Okada Kyushu University Alternative Answers to Li-Ion Battery 27 Sep. 15:15 15:30 Nagasaka Tetsuya Tohoku University Flow of Non-ferrous metals through steel cycle 27 Sep. 15:30 15:45 Hideaki KITAZAWA National Institute for Materials Science Reary-efficient Environment-friendly Refrigerate 27 Sep. 15:45 16:00 Taizo SASAKI National Institute for Materials Science Site of the Mid-temperature Fuel Cell 27 Sep. 16:00 16:15 Tadashi ISHIGAKI Nigata University Synthesis of Rare Earth Free Phosphor - Vana Phosphors Chairperson: (Name, Affiliation) 27 Sep. 16:25 16:40 Shuichi WATA The Graduate School of Project Design Global Data Commons for Materials Utilization 27 Sep. 16:55 Shnji TSUNEYUKI The University Tokyo Computational Materials Science Indiative and Strategic Science in Japan 27 Sep. 16:55 17:10 Toshihiro ASHINO Toyo University Electronic Data Exchange for Materials Science 27 Sep. 17:20 Andrew PRATT National Institute for Materials Science Tailoring the spin polarization at the surface of Novel Epitocalization Process for Epitaxial Ag Nariva Ti Seed Layer Mediated Bi-Layer Agglorner		27 Sep.	14:30	14:45	Takeshi		KOBAYASHI		hydride catalyzed with multiple addition of transition
27 Sep. 15:00 15:15 Shigeto Okada Kyushu University Alternative Answers to Li-lon Battery 27 Sep. 15:15 15:30 Nagasaka Tetsuya Tohoku University Flow of Non-ferrous metals through steel cycle 27 Sep. 15:30 15:45 Hideaki KITAZAWA National Institute for Materials Science Energy-efficient Environment-friendly Refrigera 27 Sep. 15:45 16:00 Taizo SASAKI National Institute for Materials Science First-principles Study of the Oxygen-ion Cond. Solid Oxides for the Mid-temperature Fuel Cell Synthesis of Rare Earth Free Phosphor - Vana Phosphors Chairperson: (Name, Affiliation) 27 Sep. 16:25 16:40 Shuichi IWATA The Graduate School of Project Design Global Data Commons for Materials Utilization 27 Sep. 16:40 Shujihiro ASHINO Toyo University Tokyo Computational Materials Science Initiative and Strategic Science in Japan 27 Sep. 16:55 17:10 Toshihiro ASHINO Toyo University Electronic Data Exchange for Materials Science Engineering 27 Sep. 17:25 17:40 Andrew PRATT National Institute for Materials Science Tailoring the spin polarization at the surface of PRATT National Institute for Materials Science Tailoring the spin polarization at the surface of Novel Fabrication Process for Epitaxial Ag Naria Till Seel Layer Agglorner	Coffee break	27 Sep.	14:45	15:00					
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27 Sep. 16:25 16:40 Shuichi IWATA The Graduate School of Project Design Global Data Commons for Materials Utilization 27 Sep. 16:40 16:55 Shnji TSUNEYUKI The University of Tokyo Computational Materials Science Initiative and Strategic Science in Japan 27 Sep. 16:55 17:10 Toshihiro ASHINO Toyo University Electronic Data Exchange for Materials Science Engineering 27 Sep. 17:10 17:25 Youichi MURAKAMI High Energy Accelerator Research Organization (KEK) Science 27 Sep. 17:25 17:40 Andrew PRATT National Institute for Materials Science Tailoring the spin polarization at the surface of Novel Fabrication Process for Epitaxial Ag Nan via Ti Seed Layer Mediated Bi-Layer Agglomen		27 Sep.	16:00	16:15	Tadashi		ISHIGAKI	Niigata University	· ·
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27 Sep. 17:40 17:55 Masao KAMIKO The University of Tokyo via Ti Seed Layer Mediated Bi-Layer Agglomer		27 Sep.	17:25	17:40	Andrew		PRATT	National Institute for Materials Science	Tailoring the spin polarization at the surface of Fe3O4 Novel Eabrication Process for Enitaxial Ad Napostructure
		27 Sep.	17:40	17:55	Masao		KAMIKO	The University of Tokyo	via Ti Seed Layer Mediated Bi-Layer Agglomeration
overview 27 Sep. 17:55 18:00	overview	27 Sep.	17:55	18:00					

Poster Session

Presentation NO	Presentation date	Time to start	Time to finish	Account: First name	Account: Middle name	Account: FAMILY	Account: Affiliation	Abstract title
	25 Sep.			Sherif	A.	EL-SAFTY	National Institute for	HOM Mesoporous Monoliths for Cost- cutting Edge Techniques of Rare Metal
	25 Sep.			Kiyoshi		HIRATSUKA	Iwate University	Development of the switchable mirrors
	25 Sep.			Alessio		CARAVELLA	National Institute of	Influence of the Non-ideal Behaviour of Palladium on Hydrogen Permeation
	25 Sep.			Shotaro		KUDO	Iwate University	Diffusion of hydrogen in metal thin film
	25 Sep.			Seisuke		NIGO	National Institute for	Development of rare-metal-free Resistive Random Access Memory using high-
	25 Sep.			Masahiko		KATAGIRI	National Institute for	Characteristics of New Approach for Aluminum Hydrogen Storage Materials
	25 Sep.			Atsushi		NARA	Iwate University	Gasochromic properties of yttrium films covered by metal-ceramics composite
	25 Sep.			Hirotoshi		MORI	Ochanomizu University	An ab intio molecular orbital/molecular dynamics study on the palladium binding
	25 Sep.			Daisuke		NAKAMURA	Iwate University	Hydrogen permeability of metal foil coated by nano composite layers
	25 Sep.			Shunsuke		MAKI	Iwate University	Development of highly selective hydrogen sensor laminated with nano composite
	25 Sep.			Akira		YAMAGUCHI	Iwate University	Structural, Optical and Hydrogenation Properties of Tungsten Oxide Films
	25 Sep.			Takeshi		INOSHITA	National Institute for	Computational Electronic Structure Database: a Powerful Tool for Materials
	25 Sep.			Asaya		FUJITA	Tohoku University	Exploring Attempts for New Magnetic Phase Transition as Functional Materials