Session Program

22-28 Jun 2019



PPPS 2019

6.2 High-Pressure and Thermal Plasma Processing

DoubleTree at the Entrance to Universal Orlando 5780 Major Blvd. Orlando, Florida, 32819, USA

Tuesday 25 June

Speaker Prof. Suryakant Gupta 10:00-10:15 Characteristics of negative-polarity DC superimposed nanosecond pulsed discharge and its applications Speaker Hirofumi Yamashita 10:15-10:30 Quantification of OH radicals generated by nanosecond pulsed discharge pla Speaker kiyotaka Okada 10:45-11:00 Single-step Synthesis of Molybdenum Carbide Nanoparticles by Wire Explosite Process Speaker Mr Prem Ranjan 11:00-11:15 DEVELOPMENT OF 3D ELECTROMAGNETIC THERMAL FLUID SIMULATION FOR ELUCIDATION OF MOVEMENT FACTORS IN VACUUM ARC Speaker Mr Yusuke Nemoto	09:45-10:00	Optical and electrical diagnostic of surface arcs
10:00-10:15 Characteristics of negative-polarity DC superimposed nanosecond pulsed discharge and its applications Speaker Hirofumi Yamashita 10:15-10:30 Quantification of OH radicals generated by nanosecond pulsed discharge plate Speaker Kiyotaka Okada 10:45-11:00 Single-step Synthesis of Molybdenum Carbide Nanoparticles by Wire Explosion Process Speaker Mr Prem Ranjan 11:00-11:15 DEVELOPMENT OF 3D ELECTROMAGNETIC THERMAL FLUID SIMULATION FOR ELUCIDATION OF MOVEMENT FACTORS IN VACUUM ARC Speaker Mr Yusuke Nemoto	Speaker Prof. Suryakan	t Gupta
Speaker Hirofumi Yamashita 10:15-10:30 Quantification of OH radicals generated by nanosecond pulsed discharge plan Speaker Kiyotaka Okada 10:45-11:00 Single-step Synthesis of Molybdenum Carbide Nanoparticles by Wire Explosion Process Speaker Mr Prem Ranjan 11:00-11:15 DEVELOPMENT OF 3D ELECTROMAGNETIC THERMAL FLUID SIMULATION FOR ELUCIDATION OF MOVEMENT FACTORS IN VACUUM ARC Speaker Mr Yusuke Nemoto	10:00-10:15 Characteris discharge a	tics of negative-polarity DC superimposed nanosecond pulsed and its applications
10:15-10:30 Quantification of OH radicals generated by nanosecond pulsed discharge plate Speaker Kiyotaka Okada 10:45-11:00 Single-step Synthesis of Molybdenum Carbide Nanoparticles by Wire Explosid Process Speaker Mr Prem Ranjan 11:00-11:15 DEVELOPMENT OF 3D ELECTROMAGNETIC THERMAL FLUID SIMULATION FOR ELUCIDATION OF MOVEMENT FACTORS IN VACUUM ARC Speaker Mr Yusuke Nemoto	Speaker Hirofumi Yama	shita
Mr Prem Ranjan 11:00-11:15 DEVELOPMENT OF 3D ELECTROMAGNETIC THERMAL FLUID SIMULATION FOR ELUCIDATION OF MOVEMENT FACTORS IN VACUUM ARC Speaker Mr Yusuke Nemoto	Kiyotaka Okad	a
11:00-11:15 DEVELOPMENT OF 3D ELECTROMAGNETIC THERMAL FLUID SIMULATION FOR ELUCIDATION OF MOVEMENT FACTORS IN VACUUM ARC Speaker Mr Yusuke Nemoto	10:45-11:00 Single-step Process	Synthesis of Molybdenum Carbide Nanoparticles by Wire Explosion
Speaker Mr Yusuke Nemoto	10:45-11:00 Single-step Process Speaker Mr Prem Ranja	Synthesis of Molybdenum Carbide Nanoparticles by Wire Explosion
	10:45-11:00 Single-step Process Speaker Mr Prem Ranja 11:00-11:15 DEVELOPM ELUCIDATIO	Synthesis of Molybdenum Carbide Nanoparticles by Wire Explosion n ENT OF 3D ELECTROMAGNETIC THERMAL FLUID SIMULATION FOR ON OF MOVEMENT FACTORS IN VACUUM ARC
	10:45-11:00 Single-step Process Speaker Mr Prem Ranja 11:00-11:15 DEVELOPM ELUCIDATIC Speaker Mr Yusuke Nen 11:15-11:30	Synthesis of Molybdenum Carbide Nanoparticles by Wire Explosio n ENT OF 3D ELECTROMAGNETIC THERMAL FLUID SIMULATION FOR ON OF MOVEMENT FACTORS IN VACUUM ARC
ANALYSIS OF NITROGEN CONTAMINATION PROCESS INTO ARC AFFECTED BY LATERAL GAS FLOW VELOCITY IN ATMOSPHERIC PRESSURE	10:45-11:00 Single-ster Process Speaker Mr Prem Ranja 11:00-11:15 DEVELOPM ELUCIDATIO Speaker Mr Yusuke Nem 11:15-11:30 ANALYSIS C LATERAL GA	Synthesis of Molybdenum Carbide Nanoparticles by Wire Explosion P ENT OF 3D ELECTROMAGNETIC THERMAL FLUID SIMULATION FOR DN OF MOVEMENT FACTORS IN VACUUM ARC Noto DF NITROGEN CONTAMINATION PROCESS INTO ARC AFFECTED BY AS FLOW VELOCITY IN ATMOSPHERIC PRESSURE