No.	Presenter	Affiliation	Title
		Program_Poster Presentations 1 - 2020-8-24(Monday)　　●:Candidate of Poster Award	
P1-01	●Kai Rong	Xi'an Jiaotong University	Experimental study on characteristics of laser induced gas plasma based on LIBS
P1-02	●Sung-Min Park	Korea Maritime & Ocean University	Stereoscopic Measurement Method for precision measurement
P1-03	●Huaiqing Qin	South China University of Technology	Improving laser-induced breakdown spectroscopy quantitative analysis by the modeling method coupled with data uncertainty
P1-04	●Jeong-Woong Hong	Korea Maritime & Ocean University	Comparison of temperature reconstruction on initial value determination in the TDLAS technique
P1-05	●Junichiro Hara	Osaka Prefecture University College of Technology	Examination of the Current Collection Method of the Cathode Side on the T-MCFC Supported a Ceramic Tube
P1-06	●Zhong Jian	Tokushima University / Xi'an Jiaotong University	Hierarchical Smart Method of Load Shedding in Microgrid
P1-07	●Yushi Tamaki	Osaka Prefecture University College of Technology	Evaluation of Catalyst Layer Produced by Inkjet Printer using Overvoltage Analysis
P1-08	●Saki Teramae	Osaka Prefecture University College of Technology	Evaluation of Self-water Management Catalyst Layer Using AC Impedance Analysis
P1-09	●Guodong Shao	South China University of Technology	Direct Fitting of Laser Absorption Spectrum Signal Based on Gradient Descent Method
P1-10	●Yao Deng	South China University of Technology	Research on Gas Concentration Retrieving Method Based on Direct Absorption Peak Value Calibration
P1-11	●Songjie Guo	Shanxi University	Experimental study on the relative wavelength response of DFB laser in sinusoidal scanning wavelength modulation spectroscopy
P1-12	●Zhenghui Li	South China University of Technology	Prediction of NOx Emission in a 135MW Coal-Fired Boiler With The BP Neural Networks
P1-13	●Wangzheng Zhou	Xi'an Jiaotong University	Study on water vapor effects on CO2 measurement using TDLAS in 2.0μm
P1-14	●Ruidong Jia	Xi'an Jiaotong University	Study on Symmetry-Breaking of Flow Structure Induced by Shock Wave Separation in Supersonic Nozzle
P1-15	●Dengwang Wang	Xi'an Jiaotong University	Simulation on thermodynamics effect of structural response under X-ray
P1-16	●Jiaqi Hu	Xi'an Jiaotong University	Nuclear Data Calculation and Analysis for p+7Li Reactions
P1-17	●Qiming Wang	Tokushima University	Development of Hydrocarbon Measurement in Low-Temperature Coal Pyrolysis Process using Tunable Diode Laser Absorption Spectroscopy
P1-18	●Hiroto Uchiyama	Osaka Prefecture University College of Technology	Influence of Operating Condition of T-MCFC on Gasification Characteristics
P1-19	David Prochazka	CEITEC - Brno University of Technology	Triple-pulse LIBS: Laser-induced breakdown spectroscopy signal enhancement by combination of pre-ablation and re-heating laser pulses
P1-20	Ivana Chamradová	CEITEC - Brno University of Technology	Laser-Induced Breakdown Spectroscopy analysis used for polymer discrimination in three different atmospheres
P1-21	●Peng Chen	Xi'an Jiaotong University	Measurement of Carbon Content in Fly Ash by LIBS in different delay time

No.	Presenter	Affiliation	Title
		Program_Poster Presentations 2 - 2020-8-25(Tuesday) ●:Candidate of Poster Award	
P2-01	●San Kim	Korea Maritime & Ocean University	Modeling of Engine Room for Ship Digital-Twin
P2-02	●Shuixiu Xu	South China University of Technology	Investigation on LIBS Spectral Characterization of coal Pellet under Different Atmosphere
P2-03	●Nannan Dang	Xi'an Jiaotong University	2-dimentional numerical study on self-excited combustion instability in a Rijke type burner and the unsteady flow field analysis
P2-04	●Wei Wang	Xi'an Jiaotong University	Study on Frequency Locking Behavior of Thermoacoustic Oscillation in Combustion Chamber
P2-05	Lichang Zou	South China University of Technology	Optimization method research on low NO concentration detecting in Mid-infrared laser absorption spectroscopy based on empirical mode decomposition
P2-06	●Xiayang Yao	South China University of Technology	A matrix modification method to reduce matrix effect of heavy metals in municipal solid waste incineration fly ash by laser-induced breakdown spectroscopy
P2-07	●Ziyu Yu	South China University of Technology	Investigation of Matrix Effect in Laser Induced Breakdown Spectroscopy analysis of coal Particle Flow
P2-08	●Yuzo Hayashi	Tokushima University	High sensitivity measurement under reduced pressure using TDLAS near 2.0μm for measurements of NH3
P2-09	●Renwei Liu	Xi'an Jiaotong University	Comparison of LIBS signal characteristics of fly ash powder using 1064nm and 532nm wavelength
P2-10	●Daichi Takahara	Tokushima University	Development of two-dimensional measurements of NH3 concentration using CT-tunable diode laser absorption spectroscopy by the rectangular wave modulation technique
P2-11	●Yuan Jiang	South China University of Technology	Ash content Prediction and Estimation of Biomass fuel Based on Kernel Partial Least Squares
P2-12	●Tuo Ye	South China University of Technology	Study on Boiler Operation Optimization Based on Numerical Simulation And Artificial Intelligence
P2-13	Jiajian Long	South China University of Technology	Fast on-site display of numerical simulation physical field based on octree structure
P2-14	●Xin Du	Xi'an Jiaotong University	The effect of Ti additive on Te-induced intergranular embrittlement in Ni alloy: a first-principles study
P2-15	●Zhiming You	Xi'an Jiaotong University	Ultrasonic cleaning of laser treated aluminum alloy for electron cloud mitigation
P2-16	●Hao Luo	Xi'an Jiaotong University	Magnetic circuit analysis of Penning ion source in new neutron tube
P2-17	●Yuta Arima	Tokushima University	Development of remote measurement technology for elements in steel materials using LIBS
P2-18	●Yi Li	Tokushima University	The changes in gas absorption spectrum at different temperatures and pressures by using TDLAS
P2-19	●Shengli Cao	Xi'an Jiaotong University	Study on the mass transport of the piloted burner using LCS
P2-20	●Ruiqiang Sun	Xi'an Jiaotong University	Research on Dynamic Characteristics and Control Strategy of Supercritical Carbon Dioxide Recompression Cycle
P2-21	●Shanghui Yang	Xi'an Jiaotong University	Study of Neutron Image Reconstruction Based on Transfer Learning