

Poster Session II	
Thursday, 15:05 - 16:20	
PII-1	Influence of Methane Additions on Self-Ignition of Pulsed Jet of Hydrogen (777) <i>S. Golovastov, V. Bocharnikov, O. Terekhova</i>
PII-2	Double Shock Experiments on PBX Explosive JOB-9003 (783) <i>X. Zhang</i>
PII-3	Shock Initiation of Wedge-Shaped Explosive Measured with Smear Camera and Photon Doppler Velocimetry (784) <i>Y. Gu</i>
PII-4	Analysis of the Canonical Turbulent Shock Front (809) <i>H. Cao, T. Jin, L. Wang, K. Luo, J. Fan</i>
PII-5	Experimental Rotating Detonation Engine Behavior Dependence on Detonation Channel Width (819) <i>M. Fotia, J. Hoke, F. Schauer</i>
PII-6	Effects of Flame Instabilities in Hydrogen-Air Explosions (820) <i>W. Kim, T. Imamura, T. Mogi, R. Dobashi</i>
PII-7	3D Flame Reconstruction Using Single Camera and Fibers (824) <i>K. Wang, F. Li, X. Yu</i>
PII-8	Effect of Ambient Oxygen and Temperature on Gaschromic Properties of Pt/WO₃ Thin Film Exposed by Hydrogen (829) <i>K. Yashiki, T. Matsuoka, Y. Nakamura</i>
PII-9	Adjoint-Based Variational Data Assimilation for the Analysis of an Experimental Pulsed Detonation Combustor with a Compact Shock-Focusing Geometry (847) <i>M. Lemke, J. Gray, J. Reiß, J. Moeck, J. Sesterhenn</i>
PII-10	Numerical Modeling on the Flow Characteristic of Catalytic Combustion Over a 2D Cylindrical Bluff Body (849) <i>C.Y. Wu, C.C. Cheng, Y.S. Lien</i>
PII-11	The Model of Detonation Combustion in Liquid Aerosols (862) <i>O. Girin</i>
PII-12	Three-Dimensional Supersonic Boundary Layer Separation Induced by Curved Sidewall (878) <i>G. He, J. Zhou, Y.X. Zhao, Y.L. Zhao</i>
PII-13	Breakdown Ignition of Nonsolvent Ionic Liquid with Double Pulse Laser (897) <i>N. Itouyama, H. Habu</i>
PII-14	Numerical Investigation of the Instability of Continuous Detonation Engine (934) <i>S. Zhang, S. Yao, M. Luan, L. Zhang, J. Wang</i>
PII-15	Experimental Study on the Explosion Characteristics of Methane-Hydrogen/Air Mixtures (951) <i>X. Shen, G. Xiu</i>
PII-16	A Study on Burning Velocity Characteristics of Meso-Scale Spherical Laminar Flames for Lean-Hydrogen-Propane Mixtures (964) <i>M. Nakahara, Y. Maruyama, A. Ishihara, F. Abe, K. Tokunaga</i>
PII-17	The Finite Heat Conduction Model of Single Droplet Combustion and its Verification (972) <i>S. Fei, Y. Qi, Y. Li, M. Wei, G. Guo, Z. Wang</i>

PII-18	<p>Effect of Additional Diluents on Laminar Burning Velocities and Cellular Instability in Outwardly Propagating Methane/Ethylene-Air Premixed Spherical Flame (973) <i>H.J. Kim, K.H. Van, J. Park, O.B. Kwon, D.K. Lee, S.G.K.Y.T. Ghauk, D.S. Noh</i></p>
PII-19	<p>Safety Problems of Commercial Cap-Sensitive Emulsion Explosives Turnover in the Territory of the Republic of Kazakhstan (1010) <i>I. Pustovalov, S. Aleshkova, M. Atamanov, E. Aliyev, Z. Mansurov</i></p>
PII-20	<p>Effects of Discharge Frequency on Ignition Behaviors of DBD for Lean Methane/Air Mixtures (1014) <i>S. Nakaya, X. Gu, T. Kobayashi, S. Iseki, M. Tsue, M. Kono, K. Nakamura</i></p>
PII-21	<p>Flame Propagation and Initiation of Detonation in a Two-Dimensional Annular Channel with Cylindrical Obstacles (1016) <i>H. Sakai, E. Dzieminska, A.K. Hayashi, Y. Tamauchi</i></p>
PII-22	<p>Comparison of Detailed Mechanisms for the Numerical Simulation of Unsteady Shock-Induced Combustion (1051) <i>P.K. Pavalavanni, J.Y. Choi</i></p>
PII-23	<p>Roughness Influence on Flame and Detonation Propagation (1056) <i>E. Dzieminska, Y. Hara, M. Morishita</i></p>
PII-24	<p>Effect of Swirl Intensity on the Flow and Combustion Characteristics of Pulverized Biomass Flame (1086) <i>A. Elorf, B. Sarh, S. Bostyn, V. Belandria, S. Bonnamy, M. Asbik, F. Tabet, J. Chaoufi, I. Gokalp</i></p>
PII-25	<p>Impulse Measurement of Small Scale Detonation Tubes Under Direct and Indirect Detonation Initiations (1092) <i>J. He, W. Fan, J. Zheng, Y. Chi</i></p>
PII-26	<p>Study on Non-Ideal Detonation Behaviour Based on Analog System (1123) <i>Y. Sun, H. Yang, C. Wang</i></p>
PII-27	<p>High Resolution Numerical Simulation of Multi-Phase Hybrid Detonation (1128) <i>C. Wang, Y. Zhao</i></p>
PII-28	<p>Study of Hypergolic Hybrid Rocket Using Hydrogen Peroxide As Oxidizer (1141) <i>C. Lu, Y. Chou, Y.C. Chao</i></p>
PII-29	<p>An Overview of PERWAVES: A Sounding Rocket Experiment to Examine Flame Propagation in the Discrete Regime (1146) <i>J. Palecka, S. Goroshin, J. Bergthorson, A. Higgins</i></p>
PII-30	<p>The Study of Turbulence Effects in Highly Unstable Detonation Mode (1153) <i>D.R. Cho, J.Y. Choi</i></p>