

Materials Chemistry

Sep. 28, 2013

Room G

Chaired by Hitoshi Soyama (Tohoku Univ.), A. Toshimitsu Yokobori, Jr. (Tohoku Univ.), Mamoru Mizuno (Akita Prefectural Univ.)

Sep. 28 (Sat.)

9:00 – 12:00

28G1 Omar Hatamleh (Johnson Space Center, NASA, USA)

“A Comprehensive Study on The Effects of Laser Peening on Friction Stir Welding”

28G2 A. Toshimitsu Yokobori, Jr. (Tohoku University, Japan)

“Non Linearity Characteristics of Crack Growth Life under High Temperature Creep and Fatigue Conditions Based on Non Equilibrium Science”

28G3 Mamoru Mizuno (Akita Prefectural University, Japan)

“Effects of Internal Damage due to Impact Loading on Mechanical Properties of CFRP”

28G4 Hitoshi Soyama (Tohoku University, Japan)

“Surface Modification Using Chemical and Physical Effects at Cavitation Bubble Collapse”