

[Track2] Fuel Assembly Mechanical Design

• Thermal-hydraulic Evaluation of Wire-in-Cell Configurations for Advanced PWR fuel Assemblies

Isabel Esteban(Engineering, ENUSA Industrias Avanzadas, S.A, S.M.E.),Ruben Matias(Engineering, ENUSA Industrias Avanzadas, S.A, S.M.E.),Javier Riverola(Engineering, ENUSA Industrias Avanzadas, S.A, S.M.E.),Antonino Romano(Engineering, ENUSA Industrias Avanzadas, S.A, S.M.E.)

• Identification and Characterization of Swirl-Induced Vortices in a Helical Cruciform Fuel Assembly Using MRV and CFD

Hyeongi Moon(Hanyang University),Hangfei Dong(Hanyang University),Sejin Oh(Hanyang University),Minseop Song(Hanyang University),Simon Song(Hanyang University)

• Development Status of High-Performance Spacer Grid for Future PWR Fuel Assemblies at NFI

Junya Inoue(Nuclear Fuel Industries, Ltd.),Tatsuya Sasakawa(Nuclear Fuel Industries, Ltd.),Yasushi Hirai(Nuclear Fuel Industries, Ltd.),Naoki Shimada(Nuclear Fuel Industries, Ltd.),Ryousuke Ozeki(Nuclear Fuel Industries, Ltd.),Junpei Koide(Nuclear Fuel Industries, Ltd.),Naoto Gouda(Nuclear Fuel Industries, Ltd.)

• Development and Seismic Performance Evaluation of an Improved Spacer Grid Design for M-ReX™

Taichi Fukuoka(Mitsubishi Heavy Industries, Ltd.),Yuki Shimizu(Mitsubishi Heavy Industries, Ltd.),Daisuke Komiyama(Mitsubishi Heavy Industries, Ltd.),Naoki Morishige(MHI Nuclear Development Corporation),Daisuke Moriguchi(MHI Nuclear Development Corporation),Tomoyuki Iwasawa(MHI Nuclear Development Corporation)

• Recent Developments in Fuel Spacer Grid Characterization for Seismic Strength at Framatome

Victor Hatman(Framatome Inc.),Eric Bourdais(Framatome SAS),Brett Matthews(Framatome Inc.),Anaik Poulat(Framatome SAS),Julien Pacull(Framatome SAS)