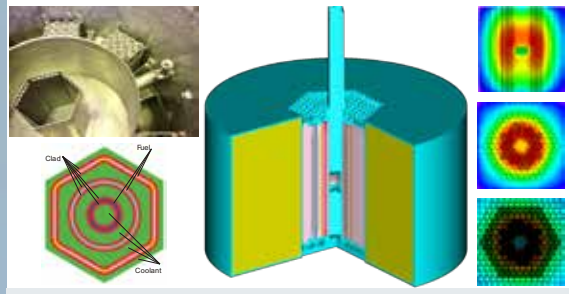

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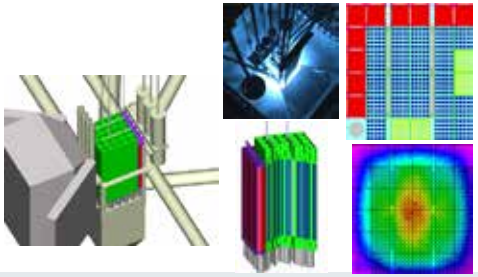
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JANUARY

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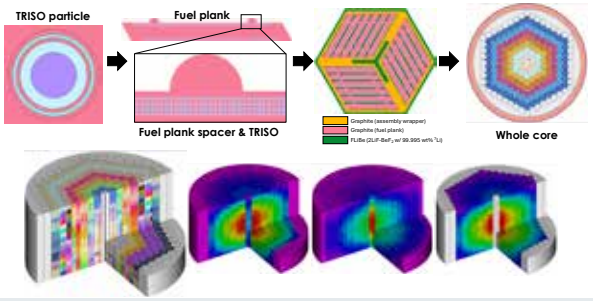
Ievgen Bilodid, Accelerator Driven Facility 'Neutron Source'



FEBRUARY

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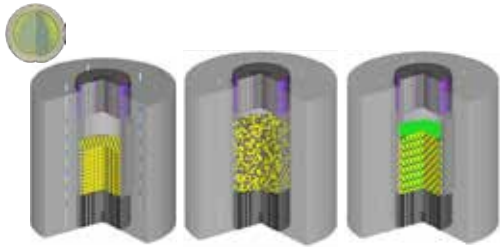
Sofiia Asadchykh, SCALE Modeling of the PULSTAR Research Reactor



MARCH

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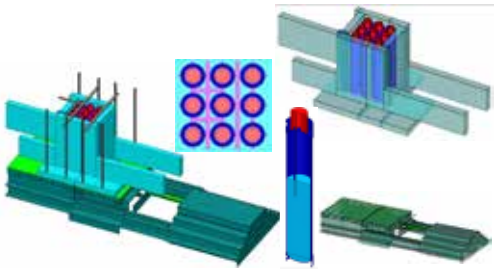
Jonathon Faulkner, OECD/NEA FHR Benchmark Phase II-A: Whole Core Analysis



APRIL

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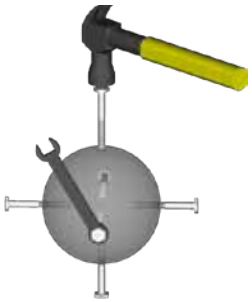
Rabab Elzohery, Yves Robert, Donny Hartanto, Rike Bostelmann, William Wieselquist, HTR-PROTEUS Benchmark



MAY

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M. Nguyen and Travis Greene, UF6 Criticality Experiment with Polyethylene Reflector



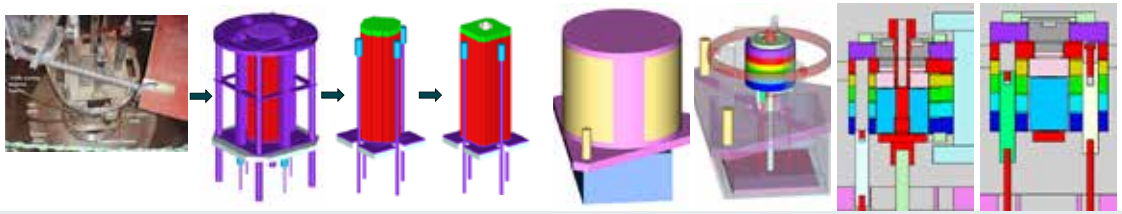
JUNE

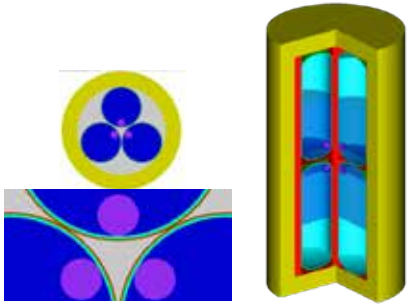
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Cihangir Celik, Screwed Godiva Model

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2027





JULY

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Mathieu Dupont and Alex Shaw, Evaluation of Critical Experiments Performed at the RPI Reactor Critical Facility (RCF) for Publication in the ICSBEP Handbook

AUGUST

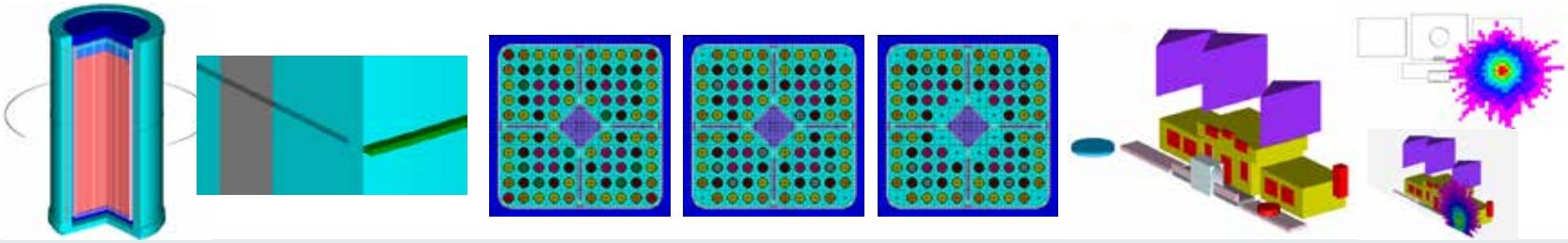
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Travis Greene, Godiva-IV: Updated HEU-MET-FAST-086-001

SEPTEMBER

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Alex Lang and Travis Greene, Hypothetical Accident Model of a 3x2 Array of 30B Cylinders



OCTOBER

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Georgeta Radulescu, Cihangir Celik, Douglas Peplow, Spent Nuclear Fuel Transfer Cask Geometry Model for Determining the Effect of Cask Shield Air Gaps on External Dose Rate

NOVEMBER

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Steve Skutnik and Ugur Mertyurek, SVEA-96 BWR Assembly

DECEMBER

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William Wieselquist, AI-Generated Ski Chalet with Fissioning Hot Tub

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About SCALE

The SCALE code system is a widely used modeling and simulation suite for nuclear safety analysis and design that is developed, maintained, tested, and managed by the Nuclear Energy and Fuel Cycle Division at Oak Ridge National Laboratory. SCALE provides a comprehensive, verified and validated, user-friendly tool set for criticality safety, reactor physics, radiation shielding, radioactive source term characterization, and sensitivity and uncertainty analysis.

Best SCALE Model Contest Participants 2026

Sofiia Asadchykh
Ievgen Bilodid
Rike Bostelmann
Cihangir Celik
Mathieu Dupont
Rabab Elzohery
Jonathon Faulkner
Travis Greene
Donny Hartanto
Alex Lang
Ugur Mertyurek
Lam Nguyen
Douglas Peplow
Georgeta Radulescu
Yves Robert
Steve Skutnik
Alex Shaw
William Wieselquist

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More information can be found on the SCALE website at https://www.ornl.gov/scale.

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