

Wednesday November 6 2013

8:00 – 9:00	Coffee and pasteries
9:00 – 9:30	Opening session <ol style="list-style-type: none">1. Greetings from UC Berkeley2. Greetings from Serpent developer team
9:30 – 12:00	Technical session <ol style="list-style-type: none">1. Jasmina Vujic – <i>Research Highlights at UCB NE</i>2. Alejandra Jolodosky – <i>Disagreeing cross sections from detectors and depletion output</i>3. Robert Farkas – <i>Preliminary Serpent Calculations for a PT-SCWR Lattice</i>4. Emil Fridman – <i>Serpent plotter</i>
12:00 – 13:00	Lunch
13:00 – 15:00	Technical session <ol style="list-style-type: none">1. Tuomas Viitanen – <i>On-the-fly Temperature Treatment in Serpent</i>2. Ville Valtavirta – <i>Universal fuel behavior interface in Serpent 2</i>3. Ville Valtavirta – <i>The internal fuel behavior module in Serpent 2</i>
15:00 – 15:30	Coffee break
15:30 – 18:00	Technical session <ol style="list-style-type: none">1. Anni Schultze – <i>Status of coupling Serpent and CFX</i>2. Chris Uhlik – <i>Reactivity Study of a Molten Salt Reactor</i>3. Manuele Aufiero – <i>Serpent-related projects at POLIMI</i>

Thursday November 7 2013

8:00 – 9:00	Coffee and pasteries
9:00 – 12:00	Technical session <ol style="list-style-type: none">1. Miriam Daeubler – <i>Generation of pin level multidimensional XS tables with Serpent 2</i>2. Dan Kotlyar – <i>Generation of 1-g cross-sections for Monte Carlo coupled codes</i>3. Emil Fridman – <i>Serpent-Helios comparison as applied to XS generation for DYN3D</i>4. Maria Pusa – <i>Homogenized Group Constants in the Absence of Reflective Boundary Conditions</i>5. Jaakko Leppänen – <i>BEAVRS benchmark calculations with Serpent-ARES code sequence</i>
12:00 – 13:00	Lunch
13:00 – 15:00	Technical session <ol style="list-style-type: none">1. Emil Fridman – <i>ADFs for HC BWRs</i>2. Andrew Hall – <i>Advanced Methods Development for Equilibrium Cycle Calculations of the RBWR</i>3. Richard Vega – <i>Characterization of ACPR Spent Fuel</i>
15:30 – 18:00	Technical tour at LBNL
19:00	Dinner

Friday November 8 2013

8:00 – 9:00	Coffee and pasteries
9:00 – 12:00	Technical session <ol style="list-style-type: none">1. Sara Bortot – <i>Use of Serpent for Sodium Fast Reactor Calculations</i>2. Maria Pusa – <i>Burnup matrices: Things discovered while implementing depletion capability to Serpent</i>3. Aarno Isotalo – <i>Preventing xenon oscillations in Monte Carlo burnup calculations by enforcing equilibrium xenon distribution</i>4. Dan Kotlyar – <i>Monitoring Numerical Stability of Coupled MC codes</i>
12:00 – 13:00	Lunch
13:00 – 15:00	Technical session <ol style="list-style-type: none">1. Philip Gorman – <i>RBWR-Th Equilibrium Methodology</i>2. Staffan Qvist – <i>Fast reactor equilibrium cycle analysis with Serpent</i>
15:00 – 15:30	Coffee break
15:30 – 18:00	Closing session <ul style="list-style-type: none">• Questions, comments and discussion• Suggestions and ideas for future work• Serpent workshop at PHYSOR-2014• etc...