Molten Salt Summer Bootcamp
1-3 July 2019, TU Delft, Netherlands

Open to: Graduate students and researchers working or planning to work on molten salt research.

Course structure: A series of five hands-on modules. Each module will include a hands-on exercise. The exercise will involve calculations using a software, analyzing and interpreting results of a numerical model, or experimental data, or other type of analysis. The goal of the module is to teach the students and researchers a new skill that they can bring into their research.

- **Module 1:** Multi-physics modeling, safely, and licensing. Max Fratoni, Jean Ragusa, Pablo Rubiolo
- **Module 2:** Thermochemistry and thermophysical properties, electrochemistry. Ondrej Benes, Sylvie Delpech, Anna Smith, Raluca Scarlat.
- **Module 3:** Corrosion & experimental design. Waste conversion. Experimental error analysis. Adrien Couet, Kumar Sridharan, Raluca Scarlat, Luis Ortega, Sean McDeavitt, Anna Smith, Sylvie Delpech.
- **Module 4:** Fuel Cycle & Separations and Mass Transport. Jiri Krepel and Pavel Tsvetkov.
- **Module 5:** Stability Analysis of Natural Convection Loop with Internal Heat Generation. Mark Kimber, Stefano Lorenzi and Antonio Cammi.

Poster competition: Monday evening (July 1st). The poster should include research question, expected results or hypothesis, method, results and error analysis, interpretation and conclusions. A prize will be awarded for best poster on ongoing research.

Capstone assignment: Wednesday afternoon (July 3rd). You will form a team and define a research proposal. The research proposal will define existing knowledge, knowledge gap, relevance to technology development, research question, and proposed methods. A team prize will be awarded for the best proposal.

Application: 100-word statement and CV.

Application link: [http://scarlat.nuc.berkeley.edu/moltensaltbootcamp/](http://scarlat.nuc.berkeley.edu/moltensaltbootcamp/)