

## AGENDA

### **Kick-off Meeting on CANDU Thermal-Hydraulic Benchmark (CANDU-TH)**

#### **Host Organization**

NINE Nuclear and Industrial Engineering  
Lucca, Italy

**May 15, 2018**

**Location – Real Collegio Palace – Piazza del Collegio, 13,  
55100 Lucca (LU), Italy**

#### **15 May 2018**

*13:00 – 14:00 Lunch*

**The CANDU-TH sessions will be in the Workshop Room B (Closter A).**

**Session 1: Kickoff Meeting**

**Chair: Jean-Marie Le Corre**

14:00-14:10 Welcome, Opening Remarks and Goal of the Benchmark (K. Ivanov, D. Novog)

14:10 - 14:30 A Review of CANDU Specific Thermalhydraulic Systems (D. Novog)

14:30 - 14:50 Full-Scale CHF Test Facility Description (D. Novog)

14:50 – 15:30 Draft Specifications and Schedule (D. Novog)

15:30 – 16:00 Discussion on Information Needs, Figures of Merit, and Scheduling (All)

*16:00 – 16:30 Coffee Break*

**Session 2: Chair: D.R. Novog**

16:30 – 17:10 General experience and important aspects in modelling CANDU 37-element thermalhydraulics (G. Waddington, Chalk River National Labs)

17:10 – 17:30 Investigations on Modelling CANDU Bundle Thermalhydraulics (Alex Pop, W. Giannotti, A. Petruzzi, NiNE).

17:30 – 17:50 IFRT participation in the CANDU T-H benchmark (Aurelian F. Badea, Xu Cheng, KIT)

17:50 – 18:00 Final discussions on path forward and specification.