

SPARK 2015 Workshop Schedule

10:00 – 10:30 *Coffee Break*

10:30 – 10:35 **Introductory Remarks**

Session 1: Planning [10:35 – 11:35]

10:35 – 11:05 On Applicability of Automated Planning for Incident Management

Lukas Chrupa and Kristinn R. Thorisson

11:05 – 11:35 Extending an Online (Re)Planning Platform for Crop Mapping with Autonomous UAVs through a Robotic Execution Framework

Alexandre Albore, Florent Teichteil-Königsbuch, Nathalie Peyrard and Régis Sabbadin

Session 2: Space [11:35 – 12:35]

11:35 – 12:05 Heuristic Scheduling of Space Mission Downlinks: A Case study from the Rosetta Mission

Gregg Rabideau, Federico Nespoli and Steve Chien

12:05 – 12:35 Heuristic Onboard Re-scheduling for an Earth Observing Spacecraft

Steve Chien

12:35 – 14:00 *Lunch Break*

Session 3: Temporal Reasoning + Invited Talk [14:00 – 15:30]

14:00 – 14:30 Compiling Away Uncertainty in Strong Temporal Planning with Uncontrollable Durations

Andrea Micheli, Minh Do and David Smith

14:30 – 15:30 **Invited Talk**

Keynote speaker: *Rina Dechter (School of Information and Computer Science, University of California)*

15:30 – 16:00 *Coffee Break*

Session 4: Scheduling [16:00 – 17:00]

16:00 – 16:30 Planning and Scheduling Actions in a Computer-Aided Music Composition System

Dimitri Bouche and Jean Bresson

16:30 – 17:00 COURSR: Scheduling Composite Educational Objects

Konstantinos Agnantis and Ioannis Refanidis

17:00 – 17:30 **Discussion**

The time allotted for each talk is 20 + 5 mins. 5 more minutes are reserved as an extra buffer for context switching.