Session Program

Sep 29 – 30, 2021

Model Based Space Systems and Software Engineering ~ MBSE2021

Session 6 ~ Capita Selecta

Virtual Event

Thu, September 30

1:30 PM

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Session | **Location:** Virtual Event | **Convener:** David Perillo

1:30 – 1:35 PM **Welcome by Session Chair**

Speaker
David Perillo

1:35 – 1:55 PM

Toward space system modeling with appropriate scope and abstraction based on validation against constraints

Speaker
Mr Hiroki Umeda

1:55 – 2:15 PM

Implementation of MBSE solution for Advanced Digital Ground Segment Engineering

Speaker
Mr Russell Gibson

2:15 – 2:35 PM

MBSE in AIT and Operations of MOVE-II and its Impact on the MBSE2DL Activity and the MOVE-III Mission

Speaker
Mr Florian Schummer

2:35 – 2:55 PM

Using Semantic Systems Engineering Techniques to Verify the Large Aperture Space Telescope Mission – Current Status

Speaker
Mr Joe Gregory

2:55 – 3:15 PM **Benefits of Model-Based System Engineering for FDIR**

Speaker
Mr Régis de Ferluc

3:15 – 3:35 PM **A Taste of Binarised Neural Network Inference for On-Board FPGAS**

Speaker
Mr Jannis Wolf

3:35 PM