

FRAME & FLEXSCIENCE Workshop Program

This year's edition of FRAME is organized jointly with the FLEXSCIENCE workshop.

Venue: Morris Inn, room Hesburgh

Date: July 20th, 13h30 - 17h00

Papers have 20 min slots (15 min presentation + 5 min Q&A).

13h30 Opening

Chair: Alexandru Costan

13h40 Keynote

Chair: Bogdan Nicolae

Title TBA

Michael E. Papka

14h30 Session 1 - FRAME

Chair: Alexandru Costan

Rusty-Cracker: A Multi-core Connected Components Library in Rust.

Davide Rucci, Daniele Sanpietro, Emanuele Carlini, Matteo Mordacchini, Patrizio Dazzi

15h00 Coffee Break

15h30 Session 2 - FlexScience

Chair: Kento Sato

Towards a Federated Approach to Complex Digital Twins.

H. Ahmed, D. Crawl, I. Altintas

RAPTOR: Reconfigurable Advanced Platform for Transdisciplinary Open Research.

H. Najafi, P. Poudel, K. Bahreini, J. Ibarra, F. Saeed, Y. Li, J. Obeysekera, J. Liu

Building Flexible Physics-Informed Neural Networks with Fast Fourier Transform Analysis.

R. Shehayib, J. Vap, P. Kogge

Efficient and Cost-Effective HPC on the Cloud.

A. Bhosale, L. Kale, S. Kokkila-Schumacher

16h50 Closing Remarks