

PPP 01: First Workshop on the Pain of Parallel Programming

Organizers:

- Tom Vander Aa (imec)
- Robert Lucas (Ansys)
- Antonio J. Peña (BSC and UPC)

Schedule

9:00 - 9:15: Introduction and Welcome

- Tom Vander Aa (imec)
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9:15 - 10:55: War stories from HPC Application Developers

- **Cloudy with a chance of NaNs**
Ioan Hadade (ECMWF)
 - **Parables from the Pursuit of Performance Portability**
Andrey Alekseenko (KTH)
 - **Welcome to the jungle: understanding communications in HPC clusters**
Laura Bellentani (CINECA)
 - **Exascale Therapy: What the US DOE Exascale Computing Project Taught Me About Enduring Parallel Pain**
Jeffrey Vetter (ORNL)
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11:00 - 11:30: Coffee break

11:30 - 13:00: HPC Experts on a Quest to Help the Poor Application People

- **No Magic! How exposing complexity simplifies the lives of developers and users**
Mirko Rahn (Fraunhofer ITWM)
- **Parallel Performance Measurement and Analysis made easy?!**
Bernd Mohr (JSC)
- Panel/Discussion/Closing
Everyone!!