

Workshop AI4Science@TGCC – 14th September 2026

CEA - TGCC – rue de la Piquetterie, 91680 Bruyères-le-Châtel

<https://maps.app.goo.gl/EspdroQmJoZNitr89>

Inscriptions closes

08:30-09:00 Welcome Coffee

09:00-09:10 GENCI/CEA Introduction

09:10-09:25 BULL – O. HAMITOU Alice Recoque supercomputer

09:25-10:20 AMD – J. BELOF AI4Science

10:25-10:45 Break

10:45-11:10 CEA – B.J. GREA Data driven methods towards improved mix models

11:10-11:35 CNRS – M. SAITTA From First Principles to Machine-Learned Potentials: AI for Energy Materials

11:35-12:00 CEA – J.F. MANGIN Champollion, an AI to decipher Cortical Folding

12:00-12:25 NUMPEX – B. MALEZIEUX Scaling Deep Solvers for Imaging Inverse Problems on HPC Systems

12:25-12:50 NUMPEX – F. BODIN MCP servers for HPC workloads

13:00-14:00 Lunch

14:00-14:25 IFPEN – T. FANEY Uncertainty Quantification of Machine Learning Interatomic Potentials for Reaction Rate Constants

14:25-14:50 ONERA – B. ROMAIN IA for chemical kinetics

14:50-15:15 Airbus – S. HADDAD SciML and hybridization

15:15-15:35 Break

15:35-16:00 PASQAL – C. DALYAC Lowering the implementation barrier of neutral-atom quantum computing with agentic workflows

16:00-16:25 Safran – C. REY Towards AI-enhanced engineering

16:25-16:50 Total Energies – J. BESSET MIMIR: Local AI Assistant for Scientific Computing on HPC Platforms

16:50-17:00 GENCI/CEA/AMD Conclusion