

POP: The SME Perspective



Meet the POP CoE:
Fouzhan Hosseini, NAG Ltd



A Centre of Excellence in HPC

Performance Optimisation and Productivity

- Better Parallel Code
- Boost scalability of HPC Applications
 - Faster results, novel solutions, reduced expenditure
 - More efficient use of HPC infrastructures
 - In prep for Exascale computing
- A Team with
 - Excellence in performance tools and tuning
 - Excellence in programming models and practices
 - R & D background in real academic and industrial use cases

UNIVERSITÉ DE
VERSAILLES
ST-QUENTIN-EN-YVELINES



H L R I S



JÜLICH
Forschungszentrum

JÜLICH
SUPERCOMPUTING
CENTRE

it | RWTH AACHEN
UNIVERSITY

VSB TECHNICAL
UNIVERSITY
OF OSTRAVA

IT4INNOVATIONS
NATIONAL SUPERCOMPUTING
CENTER

Teratec

BSC
Barcelona
Supercomputing
Center
Centro Nacional de Supercomputación

nag®

What & who for



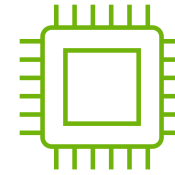
Methodology & Tools

- Quantitative picture of application behavior
- Hierarchical set of Performance metrics
- Open-source tools that support high-scale analysis



Communities

- All domains of science & technology
- SMEs or large industries
- Academia & Research institutes
- All other HPC CoEs
- HPC Centres



Services

- Performance assessment
- Code Optimization
- Transversal across all programming models, architectures & scale
- Education & training



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Contact:



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