sesame net

SUPERCOMPUTING EXPERTISE FOR SMALL & MEDIUM ENTERPRISE NETWORK

I am delighted to introduce the very first edition of the SESAME Net newsletter. It's been an exciting few months as many of us have not had the opportunity of working together before, and we have been busy getting to know each other and sharing our experiences.

HPC is viewed by many as an essential technology to respond to the growing needs of our modern societies, transforming societal challenges into business opportunities, and bringing growth and jobs to the European economy. Through various programmes, not least the Horizon 2020 programme and the Digital Single Market, SMEs are being encouraged to get involved, and there are a number of initiatives underway. SESAME Net role in this is to help identify SMEs in our communities, to match them with relevant expertise and facilities, and provide them with the wherewithal to fully exploit this technology.

Our aim is to continue to raise awareness and promote the capability of HPC to SMEs, as well as facilitate access and overcome barriers to HPC usage, including enhancing skills. We have all found that engaging the SME community in HPC can be challenging, but very rewarding. There are some amazing examples of innovative and entrepreneurial SMEs conducting ground breaking research using HPC, where the rewards can be enormous. But we can, and must do much more.

We want to extend the network over the coming months, and look forward to working with the community to develop the activities and membership. We hope this edition will give you a glimpse of what we have been doing and who we are, and encourage you to get in touch to find out more.

Karen Padmore, SESAME Net Leader

Sesame NET

13 HPC centers

13 countries

40 HPC systems

4.34 PF Linpack Performance

60 PB Storage

Upcoming Events

March 14-18

IXPUG Workshop and Tutorials & Intel® PCC Meeting

May 10-12

PRACEdays16

May 29 - June 2

International Conference on "Numerical Methods for Scientific Computations and Advanced Applications"

May 30 - June 3

Mipro 2016

June 15-16

NAFEMS UK Conference 2016

June 19-23

ISC High Performance 2016

SESAME Net - HPC for SMEs

High Performance Computing (HPC) has become essential for innovation and growth. It is a key element driving competitiveness. By developing strong and effective working relationships between SMEs and academic research institutions as well as large companies, we open the possibilities for SMEs to participate in the provision and use of competitive HPC technology solutions.

Read more

What has happened so far?

The aim of the SESAME Net partners is to promote the take-up of HPC related technologies by SMEs and extend the network across Europe. Partners have been taking every opportunity to raise awareness and inform the wider community. Some highlights feature here.

Read more

Become part of the Network!

Are you interested in exchanging experience and best practices on collaborating with SMEs? Are you interested in networking or just want to learn more about HPC? SESAME Net offers the opportunity for you to get involved. Find out here!

Read more

Initiatives of the European Commission

Besides SESAME Net, there are several other EU initiatives and instruments focusing on 'HPC for SMEs'. Here's a short overview of some. The support of Small and Medium Enterprises (SMEs) is a central focus of the European Commission's research and innovation strategy. The Horizon 2020 (H2020) programme is the biggest EU Research and Innovation programme ever, having €80 billion in funds to invest over 5 years till 2020.
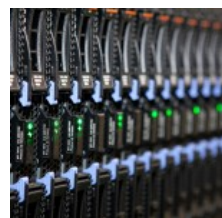
Read more

Partner Report - Meet SESAME Net

A distinctive feature of SESAME Net is the diversity of the consortium members who formed the initial network. To introduce who we are, each newsletter will showcase a selection of our partners, and highlight some of their most recent activities.

The Partner Report is a multi-part reportage and this edition will feature Flemish Supercomputing Centre from Belgium and IT4Innovations National Supercomputing Center from Czech Republic present their latest news.

Read more

More News about HPC

For more news about HPC please explore the following articles.

Read more

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SESAME Net

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