

EOFS

General Assembly 2018/2019

January, 25th
LRZ - Garching/Munich
Germany

**EOFS would like to thank LRZ
for hosting the
General Assembly
2018/2019
and
for offering a tour to its
HPC center and the new
SuperMUC-NG system**

EOFS President:

- Frank Baetke (acting for HPE)

EOFS Vice-President:

- Jacques-Charles Lafoucriere (CEA)

Directors of the Administrative Council:

- Hugo R. Falter (ParTec CCC GmbH)
- Peter Jones (DDN/Whamcloud)

EOFS Current Governance and Members

Members of the Administrative Council:

- Eric Monchalain (Bull/Atos)
- Jacques-Charles Lafoucriere (CEA)
- Thomas Stibor (GSI)
- Frank Baetke (acting for HPE)
- Johann Lombardi (Intel)
- Arndt Bode (LRZ)



Leibniz Supercomputing Centre
of the Bavarian Academy of Sciences and Humanities

ThinkParQ



JOHANNES GUTENBERG
UNIVERSITÄT MAINZ



Universität
Zürich UZH



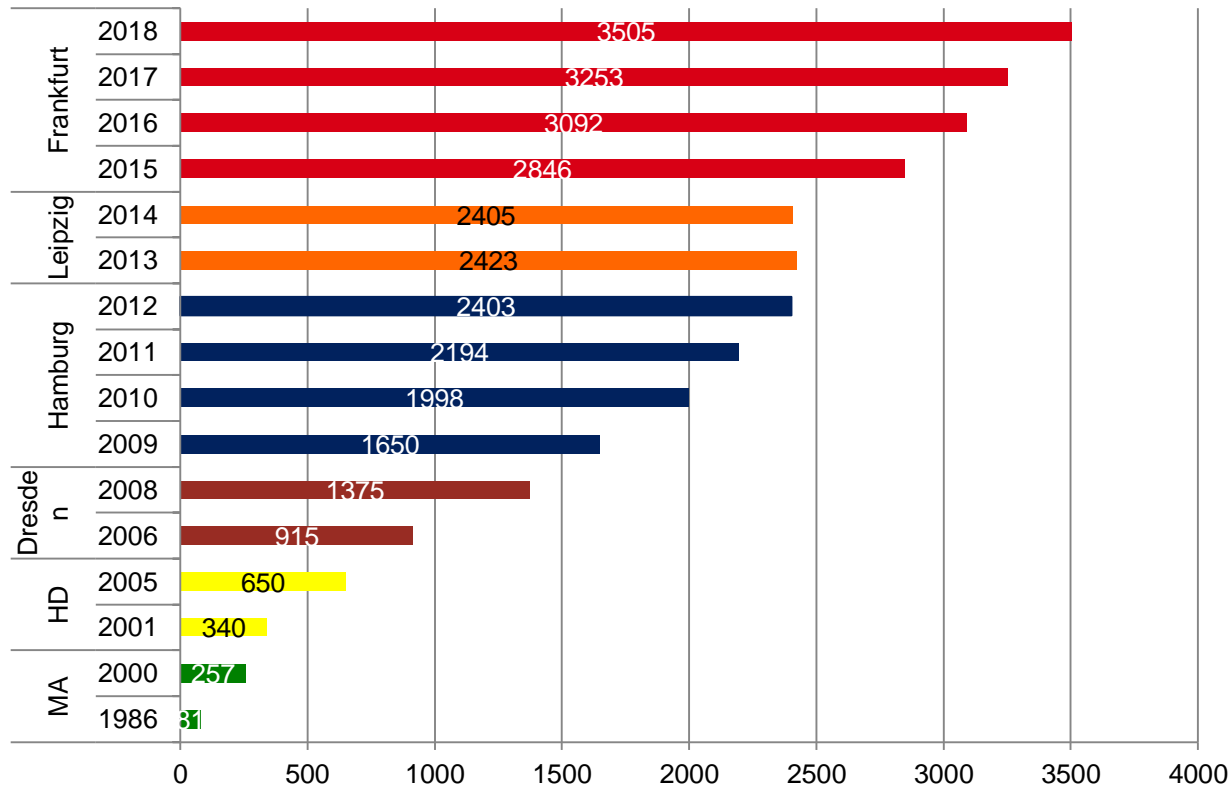
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|---------------|---|--|
| 10:00 – 10:30 | Welcome and agenda | Frank Baetke, EOFS Michael Ott, LRZ |
| 10:30 – 11:00 | Status of EOFS, accomplishments and report on the recent audit by GVB | Frank Baetke, EOFS |
| 11:00 – 11:15 | Review of the EOFS By-laws changes and update on www.lustre.org | Hugo Falter, ParTec |
| 11:15 – 11:35 | The European Exascale Project (Update on EuroHPC) | Hugo Falter, ParTec |
| 11:35 – 12:00 | The open-source DAOS storage engine – overview & roadmap | Johann Lombardi, Intel |
| 12:00 – 12:15 | Planned European and WW activities 2019 (LUG, ISC, LAD, SC) | Frank Baetke, EOFS Jacques-Charles Lafoucriere, CEA |
| 12:15 – 13:00 | Lunch (on site – close to the meeting room) | |
| 13:00 – 13:30 | Update on BeeGFS as an Open File-System | Frank Herold, ThinkParQ |
| 13:30 – 14:00 | Update on LUSTRE / Roadmap and planned features | Peter Jones, DDN/Whamcloud |
| 14:00 – 14:15 | Q&A on BeeGFS and LUSTRE topics | All |
| 14:15 – 14:45 | Election of the EOFS Administrative Council Election of EOFS President, Deputy and Directors | All Members |
| 14:45 – 15:00 | Presentations and approvals of new members | New Members, All |
| 15:00 – 15:30 | Future of EOFS – mission and objectives | All |
| 15:30 – 16:00 | Other topics of interest | |
| 16:00 | Adjourn | |
| 16:00 – 17:00 | Tour to LRZ's HPC-center and the new SuperMUC-NG system. Pre-registration and valid picture-ID is mandatory - | |

**Now let me introduce Michael Ott
who will be representing the LRZ
for Prof. Arndt Bode**



Leibniz Supercomputing Centre
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ISC (Int. Supercomputing Conference) Attendees



LUSTRE® in HPC and Big Data: Roadmap, Features and Challenges

Chair

Frank Baetke, EOFS

Co-Chair

(Sarp Oral, OpenSFS/ORNL)

Event Type: Birds of a Feather (BoF) 1h

Date/Time: June 26, 15:45 – 16:45

Location: ISC 2018, Room: Pikkolo

Lustre BoF - Questions for the audience: users, sites, developers, vendors and VARs

- Who is new to Lustre, either considering it or recently deployments?
- Why are you considering it, or why did you choose it?
- If you don't use Lustre, what keeps you or others from adopting it?
- Are your organizations members of EOFS or OpenSFS?
- Do you see any open alternative file-systems to LUSTRE?
(if that questions is of interest you may want to stay on in this room)
- What challenges do you see given the most recent developments?
- Other questions?

BeeGFS – Architecture, Implementation Examples and Future Development

Chair

Frank Herold, ThinkParQ

Co-Chair

Frank Baetke, EOFS

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ISC 2018 / BREAKOUT-SESSIONS

Attendance numbers Tutorials / best attendance

| | |
|--|--------------|
| Deep Learning Demystified | 54 attendees |
| Getting Started with Containers on HPC through Singularity | 51 attendees |

Attendance numbers Workshops / best attendance

| | |
|---|--------------|
| Going ARM for HPC | 75 attendees |
| Convergence of Large Scale Simulation & Artificial Intelligence | 57 attendees |

Attendance numbers BoFs / best attendance

| | |
|---|----------------------|
| BoF: ARM for HPC Co-Design Opportunities | 108 attendees |
| BoF: LUSTRE in HPC & Big Data: Roadmap, Features & ... | 118 attendees |

Administrative Activities 2018

- *For the first time since its foundation EOFS had to undergo a complex audit initiated by the GVB (Genossenschaftsverband Bayern) We had to come up with a heap of documents, financial statements etc.
In future this has to be done every 2 years*
- *Financial situation is stable (still waiting for some fees due since last year)*

Ongoing EOFS Activities:

- *www.lustre.org – Joint legal ownership*
- *Joint BoF Sessions at SC and ISC*
Next at ISC 2019 in Frankfurt
Working on abstracts!
- *Joint Board Meetings*
(most recently at SC 18 in Dallas, TX)
- *Participation in LAD (France)*
- *Participation in LUG (USA)*
- *EOFS Website is up-to-date (kudos to Julian Kunkel (DKRZ / Univ. of Reading, UK))*

EU and EU HPC activities:

- *Will have a meeting with Prof. A. Brinkmann (Univ. Mainz) to discuss EU-related activities and EOFS involvement.*
- *Meeting planned for 1st quarter 2019*

Elections of the EOFS Administrative Council:

- *Members have to elect 6 members to the EOFS AC.*
- *Only members or representatives of members (by transferred vote) can vote*
- *One vote per member*
- *Voting weight is proportional to the subscribed share*

- *The AC will then elect a president, vice-president and two directors.*

New EOFS Members:

- *Dell and Fujitsu have shown interest to join*
- *HLRS will join (already approved by Michael Resch)*
- *Working on all major vendors to become members*
- *Important: A few members that have joined after the foundation of EOFS have to complete a special form required by the legal procedures of a Societas Europaea.*

Thank You!