

ETP4HPC - SRA Technical Leader

ETP4HPC, the European HPC Technology Platform, is looking for a self-motivated, experienced and dynamic professional to lead the delivery of its technical documents, including the ETP4HPC Strategic Research Agenda. Knowledge of HPC technology and applications as well as the ability to lead the work of experts in various HPC technology domains is required. The ability to motivate a large team of high-level technology experts is crucial.

About ETP4HPC

ETP4HPC (www.etp4hpc.eu) – the European Technology Platform (ETP) for High-Performance Computing (HPC) - is an industry-led non-profit association with around 110 members. Our main mission is to promote European HPC research and innovation in order to maximise the economic and societal benefit of HPC for European science, industry and citizens. Our main task is to propose research priorities and programme contents in the area of HPC technology and usage, by issuing and maintaining a Strategic Research Agenda (SRA). The SRA serves as input to the EuroHPC Joint Undertaking (<https://eurohpc-ju.europa.eu>) into its process of defining the European HPC Technology R&D Funding Programmes.

The association is operated by a Steering Board, which is supported on a day-by-day basis by an Office Team. The Office Team implements the directives and guidelines given by the Steering Board and the Chair. The SRA Technical Leader is a member of the Office team.

Your role

The task of the SRA Technical Leader is the supervision of the process of writing the SRA and other technical documents (white papers, inputs into work programmes). You will lead the work of a large multinational team of technology experts in various HPC technology domains, representing ETP4HPC member organisations in addition to representatives from our partner associations. The interaction with other domains (such as AI, Data Analytics, or IoT) will also be required. This is a key position within the ETP4HPC Office, which requires a high-level of autonomy and technological expertise.

The main activities of the SRA Technical leader are to:

- Recruit a team of recognised technical experts with expertise in all domains of the HPC stack (from hardware to applications software)
- Act as Editor-in-chief for the SRA and orchestrate its production

- Coordinate the creation of dedicated technical reports on specific subjects in the form of white papers
- Orchestrate the collaboration of the TCI network (TransContinuum Initiative, cf. <https://www.etp4hpc.eu/transcontinuum-initiative.html>)
- Provide technical expertise in outreach and dissemination activities for ETP4HPC (support webinars, moderate sessions at events and conferences).

Your profile

- Ability to lead a large, multinational team of high-level technology experts and executives, previous experience managing the work of a large team or project is a must
- Ability to work in a fully distributed, remote-work environment
- Knowledge of HPC technology and applications, ability to relate to various domains of HPC and coordinate the work of experts in different domains in order to integrate their expertise into a coherent model
- Demonstrated track record of writing and coordinating complex technical documents

Other skills

- Master (or higher education) degree in computer science or adjacent disciplines
- Proven track record in managing industrial or academic IT projects
- Excellent communication and team management skills in a distributed, deadline-driven remote-work multinational environment
- Excellent oral and written skills in English
- Knowledge of R&I mechanisms at EU level and in the European HPC ecosystem at large

Organisational set-up

Ideally, the position would constitute around 20% of a Full-Time Employee (FTE) until the end of 2023, then ramping up to around 40 % of an FTE for 2024 and beyond.

Most Office members work only part-time for the association, and ETP4HPC does not have a shared physical office. ETP4HPC is not looking to employ staff directly, but engage contractually directly with the person selected for this position, or with their employer.

Contact

Chairman:

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