Third F2C-DP Workshop
3rd Workshop on Fog-to-Cloud Distributed Processing
(endorsed by the mF2C project, https://www.mf2c-project.eu)

Co-located with Euro-Par 2019
Göttingen, Germany, August 26-27, 2019

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Future service execution in different domains (e.g. smart cities, e-health, smart transportation, smart energy, etc.), will rely on a large and highly heterogeneous set of distributed devices, located from the edge to the cloud, empowering the development of innovative services. Such a distributed scenario is demanding substantial research efforts towards a novel management architecture, enabling a coordinated and efficient management of the whole set of resources from the edge up to the cloud, including all security and privacy aspects. Ongoing efforts are already devoted to overcome some of the envisioned management challenges, today visible through two main incipient research initiatives, such as the OpenFog Consortium reference architecture or the recently proposed Fog-to-cloud (F2C).

In such envisioned scenario, the main objective for the proposed workshop is to set the ground for researchers, scientist and members of the industrial community to interact each other, fueling new discussions in the emerging area coming out when shifting distributed services execution towards the edge. Analyzing the way existing programming models and distributed processing strategies may support such a scenario and to what extent these solutions should be extended or just replaced, is also fundamental to support the expected evolution in edge computing, taking care of Security and Privacy aspects. The workshop aims at opening new avenues for research in a very innovative and challenging scenario, and bring together the community of researchers interested in new programming paradigms, specially tailored to combined fog and cloud computing scenarios.

As a workshop series, this third mF2C workshop invites authors to present ideas about the application of programming models applied to distributed scenarios leveraging the particular constraints of combined fog and cloud computing scenarios. Submissions must not be previously submitted anywhere and must meet the submission guidelines for regular papers in the Euro-Par conference. The accepted papers will be published at Euro-Par conference proceedings.

Workshop Chairs:
Rosa M. Badia, Barcelona Supercomputing Center, Spain
Antonio Salis, Engineering Sardegna, Italy
Xavi Masip, Universitat Politècnica de Catalunya, Spain
Admela Jukan, Technische Universität Carolo-Wilhelmina zu Braunschweig, Germany
Ana Juan, Atos SA, Spain

Important dates:
Paper submission: May 10, 2019
Author notification: June 28, 2019
Informal camera-ready from the authors collected from EasyChair due: July 22, 2019
Official workshop program, waivers and additional material due: July 15, 2019
Registration of at least one author per paper: July 15, 2019
Final program on the web page of the workshop: July 29, 2019
Workshop dates: August 26-27, 2019

Submission guidelines
Only contributions that are not submitted elsewhere or currently under review will be considered. The papers have to be formatted according to the LNCS guidelines. They should be between minimum 10 and maximum 12 pages. All papers will have to be positively reviewed by at least 3 referees before being presented at the workshop. Only the papers presented at the workshop will be published by Springer in a separate LNCS workshop volume after the conference. It is important to mention also that only one workshop organizer will be co-editor of the Springer volume of proceedings.

Please remember that all workshop attendees, including organizers and invited speakers, should explicitly register as regular participants. The registration fee of selected participants may be waived as a contribution

of the conference organizers. Registered workshop participants will receive an electronic copy of the volume by email. All authors of accepted papers will be requested to sign a Springer copyright form.

Paper submission
Papers should be submitted through EasyChair at the following link:
https://easychair.org/conferences/?conf=europar2019workshops

Contacts

https://www.mf2c-project.eu/europar-2019-mf2c-workshop/