EURO-PAR
CONFERENCE 2019

(W 1) LSDVE
Seventh Workshop on Large Scale Distributed Virtual Environments

DATE

Monday 26.08.2019, 09:00 - 15:30

LOCATION

Heyne-Haus, Papendiek 16, 37073 Göttingen, Room 1/left ▶ Map

SCOPE

The recent advances in networking have determined an increasing use of information technology to support distributed networked cooperative applications. Several novel applications have emerged in this area: social networks, distributed cryptocurrencies, collaborative work and many other ones. In particular, an interesting technology recently adopted to handle cryptocurrencies (such as bitcoin) is the block-chain technology, that has now taken the more general role to handle several distributed applications. Furthermore, peer to peer, Internet of Things, Smart-cities, distributed
sensing are examples of modern ICT paradigms that aim to describe globally
cooperative infrastructures built upon objects' intelligence and self-configuring capabilities.
This workshop aims to provide a venue for researchers to present and discuss important aspects of large scale networked collaborative applications and of the platforms supporting them.

WORKSHOP CHAIRS

- **Laura Ricci**, University of Pisa, Italy
- **Radu Prodan**, University of Klagenfurt, Austria
- **Barbara Guidi**, University of Pisa, Italy

AGENDA

09:00 - 09:30
Laura Ricci, University of Pisa
Welcome

09:30 - 10:30
Gyan Ranjan, Senior Director of Data Science at Albeado Inc., San José, CA, USA
Keynote: From complexity to explanations: an emergent view of autonomy in large scale distributed environment

10:30 - 11:00 Coffee Break

11:00 - 11:30
Barbara Guidi and **Andrea Michienzi**
Bitcoin price variation: an analysis of the correlations

11:30 - 12:00
Domenico Talia, Paolo Trunfio, **Fabrizio Marozzo**, Loris Belcastro, Javier Garcia-Blas, David del Rio, Philippe Couvee, Gael Goret, Lionel Vincent, Alberto Fernandez-Pena, Daniel Martin de Blas, Mirko Nardi, Teresa Pizzuti, Adrian Spataru and Marek Justyna
A novel Data-Centric Programming Model for Large-Scale Parallel Systems

12:00 - 12:30
Dong Nguyen Doan, Daniela Zaharie and **Dana Petcu**
Auto-Scaling for a Streaming Architecture with Fuzzy Deep Reinforcement Learning

12:30 - 14:00 Lunch Break

14.00 - 14.30
Radu Prodan, **Nishant Saurabh**, Zhiming Zhao, Kate Orton-Johnson, Antorweep Chakravorty, Aleksandar Karadimce and Alexandre Ulisses
ARTICONF: Towards a Smart Social Media Ecosystem in a Blockchain Federated Environment

14.30 - 15.00
Zeshun Shi, Huan Zhou, Yang Hu, Spiros Koulouzis, Carlos Rubia and **Zhiming Zhao**
Co-located and Orchestrated Network Fabric (CONF): An Automated Cloud Virtual Infrastructure for Social Network Applications

15.00 - 15.30
Zahra Najafabadi Samani, Alexander Lercher, Nishant Saurabh and Radu Prodan
A Semantic Model for Self-Adaptive and Autonomous Relevant Technology for Social MEdia Applications

15:30 - 16:00 Coffee Break

16:00 - 17:00 H2020 Projects Presentations
Nishant Saurabh
The H2020 Project *ARTICONF:* ARTICONF researches and develops a novel set of trustworthy, resilient, and globally sustainable decentralized social media services addressing issues of trust, time-criticality and democratization for a new generation social media infrastructure to fulfill the privacy, robustness, and autonomy related requirements. The ultimate aim is to create an open and agile ecosystem with trusted participation, automatic community detection, democratic decision making and tokenization, elastic auto-scaling of time-critical social media applications, and subsequent support to collaborative economy.

Andrea Michienzi
The H2020 European Project *HELIOS:* *A Context Aware Social Networking Framework.* The main goal of Helios is to design, implement and validate a decentralized P2P social media platform which will support the ad-hoc creation and management of social graph in the context and proximity of the user. Furthermore, it will provide the features to ensure the highest level of trust

17:00 - Closing Remarks

Submission deadline for the Euro-Pas PhD Symposium has been extended to 27 May, 2023. Click here for more information - https://t.co/wWxisICJSC

17.05.2023 - 11:51

The Euro-Par PhD Symposium is a welcoming and supportive forum for PhD students to present their work. Click here for more information: https://t.co/wWxisICJSC

04.04.2023 - 09:25

Submit your paper for EURO-PAR 2023 Workshops and Minisymposia! Click here for more information. https://t.co/UEseXWb3Dz

07.03.2023 - 08:18

Abstract submission is due tomorrow 24 Feb, 2023 https://t.co/eH2C9CRZA3

23.02.2023 - 0

CONTACT US

HOSTS

GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN

GWDG
Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen

SUB   NIEDERSÄCHSISCHE STAATS- UND UNIVERSITÄTSBIBLIOTHEK GÖTTINGEN

SPONSORS

AtoS   Springer Link   DDN AI · BIG DATA · HPC   intel Software   HOCOMPUTER   intel Software Elite Reseller

SHARE ON: