GENERAL INFO

Organizer:
INESC-ID, Instituto Superior Técnico (IST)
Universidade de Lisboa (UL)

General Chair:
- Leonel Sousa, INESC-ID, IST, Portugal

Workshop Chairs:
- Ricardo Chaves, INESC-ID, IST, Portugal
- Dora Blanco Heras, University of Santiago de Compostela, Spain

KEY DATES

- **5 February 2021:** Abstracts submission
- **12 February 2021:** Paper submission deadline
- **12 February 2021:** Workshop proposals
- **30 April 2021:** Author notification
- **30-31 August 2021:** Workshops
- **1-3 September 2021:** Main conference

Eduardo VII Park

INSTITUTIONS

We organize Euro-Par 2021 in Lisbon, a cooperation between INESC-ID, a research institute in the areas of computer science and electrical engineering and Instituto Superior Técnico (IST), the school of Engineering of Universidade de Lisboa, both located in Lisbon, Portugal.

Instituto de Engenharia de Sistemas e Computadores, Investigação e Desenvolvimento em Lisboa (INESC-ID), is a non-profit research institution, privately owned by IST and INESC, and officially declared of public interest. INESC-ID stands, and is viewed, as one of the most dynamic research institutes in Portugal in the broad areas of computer science and electrical engineering. The research and development activities focus on artificial intelligence, information and decision support systems, graphics and interaction, distributed systems, communication networks, high performance computing, nano-electronics and energy systems. The core research team involves more than one hundred PhD researchers and two hundred postgraduate students, organised by scientific expertise. INESC-ID actively promotes cooperation between academia and industry, by addressing research on daily life issues, such as healthcare, space, mobility, agri-food, industry 4.0, smart grids, among others. This high level of knowledge transfer is achieved through both competitive research projects as well as through direct contracted research.

VENUE: Instituto Superior Técnico, Alameda Campus

Instituto Superior Técnico (IST) is the largest and most reputed school of Engineering, Science and Technology in Portugal. Since its creation in 1911, IST's mission is to contribute to the development of society by providing top quality higher education, at undergraduate and postgraduate levels, as well as developing Research, Development and Innovation (RD&I) activities to allow it to provide teaching in line with the highest international standards.

IST is involved with some of the most prestigious RD&I and technology transfer institutions in Portugal, with remarkable impact internationally in many scientific and technological domains. Internationalization has been defined as a key strategic goal over the past few years with increasing number of international students and staff as well as an increasing participation in international academic networks and establishment of several double degree programs in both MSc and PhD levels. This way, IST contributes to the development of the students' educational level, offering them several opportunities to participate in international research networks, approaching scientific cooperation and multicultural experience, and motivating innovation and entrepreneurship.

EURO-PAR
CONFERENCE 2021

27TH INTERNATIONAL EUROPEAN CONFERENCE ON PARALLEL AND DISTRIBUTED COMPUTING

Lisbon, Portugal
30 August - 3 September 2021
https://2021.euro-par.org/

A full week of scientific events including workshops, posters, and tutorials

Proceedings in Springer LNCS series
https://link.springer.com/conference/europar

THE CONFERENCE

Euro-Par is the prime European conference covering all flavours of parallel and distributed processing:

- Compilers, Tools and Environments
- Performance and Power Modelling, Prediction and Evaluation
- Scheduling and Load Balancing
- Data Management, Analytics and Machine Learning
- Cluster, Cloud and Edge Computing
- Theory and Algorithms for Parallel and Distributed Processing
- Parallel and Distributed Programming, Interfaces, and Languages
- Multicore and Manycore Parallelism
- Parallel Numerical Methods and Applications
- High-performance architectures and accelerators

Euro-Par proceedings are published by Springer in the LNCS series. The main audience of Euro-Par are researchers in academic institutions, government laboratories and industrial organisations. Euro-Par aims to be the primary choice of such professionals for the presentation of new results in their specific areas. Euro-Par's unique organization into topics provides an excellent forum for focused technical discussion, as well as interaction with a large, broad and diverse audience. In addition, Euro-Par conferences provide a platform for a number of accompanying, technical workshops for smaller and emerging communities.

TRAVEL INFO

Euro-Par 2021 will be held in Lisbon at **Instituto Superior Técnico (IST) – University of Lisbon –**, Alameda campus (Av. Rovisco Pais 1), easily reachable from the **International Humberto Delgado Airport (HDL/LIS)**. The airport is directly connected to the venue via the **red metro line** (25 minutes, €1.83), bus (15 minutes, €1.80), or by taxi or Uber/Bolt (10 minutes, €7). International Humberto Delgado Airport provides direct and daily connections to almost all main European cities and airports, delivered by 57 major and low-cost airlines (e.g. Lufthansa, AirFrance, British Airways, KLM, Iberia, TAP, Ryanair, EasyJet). Several electric bike and scooter-hire systems (e.g. Giras, Uber's Jump and Hive) also exist throughout the city.

LISBON, PORTUGAL: 2021 VENUE

The conference will be held in Lisbon, one of the oldest cities in Europe, dating back to the pre-Roman period. Lisbon was elected as the World's Leading City Destination (World Travel Awards 2018).

Terreiro do Paço

Lisbon is marked by a distinctive geographical setting with multiple hills descending to the river Tagus delta, close to the Atlantic Ocean, providing for spectacular views. The districts of Lisbon faithfully reflect different expansion periods, serving as a display of the evolution of architectural characteristics over the ages. With monuments for the explorers of the golden age of Discoveries, the view from the São Jorge castle, or the narrow streets of the Alfama Moorish medieval district.

Other attraction include the black and white cobblestones, the world-famous custard cakes (*pastéis de Belém*, since 1837), chilled green wine (Vinho Verde) in the blazing sun, fine dining with live Fado music, vibrant nightlife, the Belém Tower, Oceanarium, the Eiffel-style Santa Justa elevator, Rua Augusta, and dried salted codfish.

Electric Tram

*Belém **Tower** at the Lisbon riverside*

Close to Lisbon there are many interesting cities, ranging from the unique Sintra village (UNESCO World Heritage) to the cosmopolitan coastal areas of Estoril and Cascais and the long stretch of sandy beaches of Costa da Caparica. All reachable via local buses and trains (approx. 30-60 mins).

World-famous custard cakes

The conference will take place at **IST, Campus Alameda**, in the centre of Lisbon. IST is the faculty of engineering of Universidade de Lisboa, being recognized as a prestigious school at national and international level, namely in the fields of Engineering, Science, Technology and Architecture.

IST also comprises Portugal's most prestigious Laboratories and RD&I centres, including INESC-ID. At the campus, a Congress Center and multiple auditoriums and large class rooms are available.

Oceanarium at Parque das Nações (nations park)