

FINAL REPORT

#euro2018valencia



EURO2018

29th European Conference
on Operational Research
VALENCIA, JULY 8-11, 2018





EURO2018

29th European Conference
on Operational Research
VALENCIA, JULY 8-11, 2018

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PLANNING AND ORGANIZATION

1.1 PROGRAMME COMMITTEE

EURO conferences gather the finest researchers in the OR/MS and sister areas. The program committee is composed of highly devoted individuals and experts in some of these areas.



Greet Vanden Berghe,
Chair. KU Leuven, Belgium



Ramón Álvarez-Valdés,
Universitat de València,
Spain



Luce Brotocorne,
INRIA (Lille), France



Rita Laura d'Ecclesia,
Università La Sapienza
di Roma, Italy



Carlos Fonseca,
Universidade de
Coimbra, Portugal



Sarah Fores,
EURO



Bernard Fortz,
Université Libre de
Bruxelles, Belgium



Attila Gilányi,
University of
Debrecen, Hungary



Luis Gouveia,
Universidade de
Lisboa, Portugal

1.1 PROGRAMME COMMITTEE



Geir Hasle,
SINTEF, Oslo, Norway



Bernard Ries,
Université de Fribourg,
Switzerland



Rubén Ruiz,
Universitat Politècnica
de València, Spain



Sibel Salman,
Koç University,
Istanbul, Turkey



Raik Stolletz,
Universität Mannheim,
Germany



Michal Tzur,
Tel Aviv University,
Israel



Christos Vasilakis,
University of Bath, UK



Daniele Vigo,
Università di Bologna,
Italy



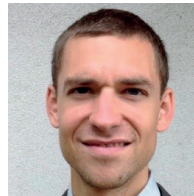
Albert Wagelmans,
Erasmus University
(Rotterdam),
Netherlands



Jyrki Wallenius,
Aalto University,
Finland



**Gerhard-Wilhem
Weber,**
University of
Technology, Poland



Stefan Wrzaczek,
Austrian Academy of
Sciences (Vienna),
Austria

1.2. ORGANIZATION COMMITTEE

Organizing a large event such as the EURO 2018 requires a lot of effort and dedication. The following is a list of all involved colleagues, spanning several universities and departments.



Ramón Álvarez-Valdés,
Universitat de València,
Spain



Rubén Ruiz
Universitat Politècnica
de València, Spain



Greet Vanden Berghe,
KU Leuven, Belgium



Albert Wagelmans
Erasmus University
(Rotterdam),
Netherlands



Carlos Andrés,
Universitat Politècnica
de València, Spain



José Manuel Belenguer,
Universitat de València,
Spain



Fanny Collado,
Universitat Politècnica
de València, Spain



Luke Connolly, KU
Leuven, Belgium



Angel Corberán,
Universitat de València,
Spain



Juan Carlos Cortés,
Universitat Politècnica
de València, Spain



Bárbara Díaz,
Fundación Universidad
Empresa de Valencia,
Spain



Rafael Fernández,
Universitat de València,
Spain

1.2. ORGANIZATION COMMITTEE



Sarah Fores,
EURO



Bernard Fortz,
Université Libre de
Bruxelles, Belgium



José Pedro García,
Universitat Politècnica
de València, Spain



Carolina Gil, Fundación
Universidad Empresa
de Valencia, Spain



Vicent Giner, Universitat
Politécnica de València,
Spain



Ruth Kaufman,
Immediate Past
President, The OR Society



Maite León, Universitat
de València, Spain



Vicente Liern,
Universitat de València,
Spain



Antonio Lova,
Universitat Politècnica
de València, Spain



Julien Maheut,
Universitat Politècnica
de València, Spain



Rafael Martí,
Universitat de València,
Spain



Gerardo Minella,
Universitat Politècnica
de València, Spain

1.2. ORGANIZATION COMMITTEE



Cristobal Miralles,
Universitat Politècnica
de València, Spain



Consuelo Parreño,
Universitat de València,
Spain



Federico Perea,
Universitat Politècnica
de València, Spain



Marisa Quintanilla,
Universitat de València,
Spain



Ana Isabel Sánchez,
Universitat Politècnica
de València, Spain



Ester Srougi,
Universitat Politècnica
de València, Spain



Pieter Smet, KU Leuven,
Belgium



Thomas Stidsen,
Technical University of
Denmark



Pilar Tormos,
Universitat Politècnica
de València, Spain



Eva Vallada,
Universitat Politècnica
de València, Spain



Enriqueta Vercher,
Universitat de València,
Spain



Ful Villa, Universitat
Politécnica de València,
Spain

1.3. ORGANIZATION SUPPORT



The University of Valencia of today is the outcome of more than **five centuries** of history that have led to the accumulation of knowledge and unique documentary treasures, making it one of **the top Spanish universities**.

Initially dedicated to the studies of medicine, humanities, theology and law, the university has witnessed over the past two decades an accelerated process **of transformation and growth**, something incomparable to earlier periods. This significant effort has turned the University of Valencia into a **modern, global university**. It has become a leader when it comes to the application of **new technologies**, connected to important international scientific and teaching **networks**.

The University of Valencia has become one to the **top five scientific centres** in Spain thanks to its commitment to excellence and to the wide range of teaching and research activities offered in all areas of knowledge (basic sciences and engineering, health sciences, educational sciences, humanities and social sciences, economics and law).

*The Universitat de València's **mission** is to train competent professionals at European level and encourage prestigious research with international impact contributing to the development of our society. Training and research promote UV's tasks in the field of dissemination of science and culture, and in the reaffirmation of the democratic values of the society in general, and the Valencian society in particular.*

Universitat de València (Valencia University)

Av. dels Tarongers, s/n
46022 València, Spain

1.3. ORGANIZATION SUPPORT



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA

Our university is a young institution. Its history dates back to the early 70s although some of its schools, such as the School of Design Engineering, the Higher Polytechnic School of Alcoy and the Faculty of Fine Arts, are over a hundred years old.

The seed of what is today known as the Universitat Politècnica de València was planted in the academic year 1968-1969, when the Higher Polytechnic Institute of Valencia was created. At that time it comprised four schools: the School of Agricultural Engineering, founded in 1959; the School of Architecture, inaugurated in 1966; the School of Civil Engineering and the School of Industrial Engineering, both of them created in 1968.

An institution in continuous development.

But it is not until 1971 (as a result of the Order of 11th March, through which the Higher Polytechnic Institute of Valencia is conferred the highest academic status), when our institution becomes the Polytechnic University of Valencia. Likewise, in 1978, the Faculty of Fine Arts is annexed to our University.

From then on all the other schools are incorporated; i.e. the School of Design Engineering, the Polytechnic School of Alcoy, the School of Building Management, the School of Rural Environments and Enology and the School of Applied Computer Science, whose studies started in 1985.

A growth in conformity with the needs of the environment.

After that, the Faculty of Computer Science; the School of Engineering in Geodesy, Cartography and Surveying, and the School of Telecommunications Engineering were created. The Polytechnic University School of Alicante and the Higher Polytechnic School of Orihuela also used to belong to our University until 1991 and 1997, respectively.

1.3. ORGANIZATION SUPPORT



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA

In 1994, ratified by an Order in Council, the Polytechnic School of Alcoy becomes the Higher Polytechnic School of Alcoy and, in 1993, the School of Gandía is founded and named Higher Polytechnic School of Gandía during the 1999-2000 academic year. Likewise, during that same academic year the Faculty of Business Administration and Management is inaugurated.

The UPV today.

In the Polytechnic University of Valencia, cohabitation is part of an educational project where students and teachers alike from our five campus sites (Vera, Blasco Ibáñez, Alcoy, Gandía and Xàtiva) actively take part in.

Currently, our university community is made up of over 42.000 people. Of these, nearly 37.800 are students, 2.600 are members of the teaching and research staff and 1.700 are administrative and services personnel. UPV is composed of 10 schools, 3 faculties and 2 higher polytechnic schools.

*The Universitat Politècnica de València's **mission** is to educate people in order to enhance their skills; researches and generates knowledge, with the assurance of quality, rigor and ethics, in the fields of science, technology, art and business, with the aim of furthering the integral development of society and contributing to its technical, economic and cultural progress.*

Universitat Politècnica de València (Polytechnic University of Valencia)

Camino de Vera, s/n
46022 València, Spain

1.3. ORGANIZATION SUPPORT



TELECOM ESCUELA
TÉCNICA **VLC** SUPERIOR
DE **UPV** INGENIEROS DE
TELECOMUNICACIÓN



1.4. CONFERENCE SPONSORS

Gurobi Optimization is focused on providing the best optimization solver possible, with outstanding support, and straightforward pricing. Gurobi is in the business of helping companies make better decisions through the use of prescriptive analytics. Gurobi provides the best math programming solver, tools for distributed optimization, optimization in the cloud, and outstanding support. That is all we do. We don't have competing priorities and we don't market applications that may compete with your own. We have one goal, and that goal is to make you successful with optimization.

Founded by arguably the most experienced and respected team in optimization today, Gurobi is rapidly growing as more and more companies see the benefits of working with a partner so focused on providing the best solver and the best support possible.



ELSEVIER



1.5. COMMITTEES MEETING AGENDA

Both the Program and Organization committees had a number of meetings. In-person meetings were much more limited as all committees had much more contact through web conferencing, email and similar. In particular, as most of the members of the Organization Committee were based in Valencia, there were frequent meetings at the UPV or at ADEIT during 2016, 2017 and in particular during the first half of 2018. In fact, it can be safely said that we had far too many meetings.

The Program Committee had two formal meetings. The first one was during the days of the 21st Conference of the International Federation of Operational Research Societies (IFORS 2017) in Québec, Canada. The date of this meeting was 18th of July 2017. During this meeting, most of the members of the Program Committee were present and we had some others joining through web conferencing systems.

The second meeting of the Program Committee was hosted by the conference organizers and was held during the 23 and 24th of January 2018 at the Universitat Politècnica de València. During this visit, we had long meeting sessions, visit to the university venues, rooms, main conference rooms and also to the main landmarks of the city and social program. Of course, we had time to continue working and relax during lunch and dinner, which was key in strengthening the collaboration between the members of the Program Committee.



1.6. EVENT PROMOTION

The initial promotion events took place during the 28th European Conference on Operational Research (EURO 2016) at Poznan from the 3rd to the 5th of July 2016. A bookmarker decorated with a design of Valencia's skyline, EURO 2018 logo and a QR generating a calendar event for the EURO 2018 conference was included in the EURO 2016 delegate bags. At the closing session of EURO 2016, EURO 2018 was presented, as customary. The presentation included a Valencia promotional video.

During 2016 and early 2017 the conference website was launched. We put together a modern CMS based website that rendered perfectly in all types of devices.



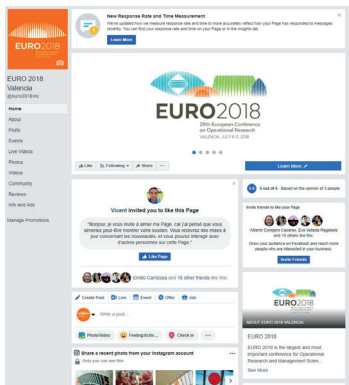
EURO 2018

EURO 2018 is the largest and most important conference for Operational Research and Management Science (OR/MS) in Europe organized by EURO – the European Association of Operational Research Society and the Spanish Statistics and Operations Research Society. It is held by the two major Valencian universities, Universitat de València and Universitat Politècnica de València.

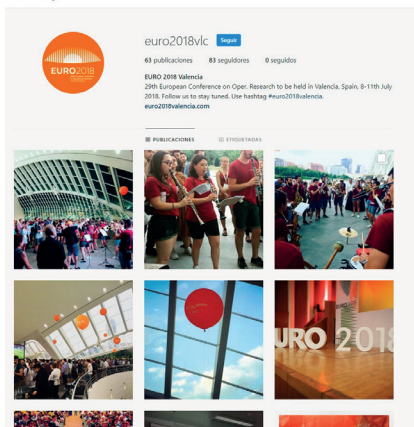


1.6. EVENT PROMOTION

Facebook, Twitter and Instagram social media accounts were activated.



@ Instagram



1.6. EVENT PROMOTION

Several call for papers were distributed in most known distribution lists through email. PC member and EURO conferences advisor Gerhard-Wilhelm Weber was key in distributing these emails and in reaching large audiences across the globe.

There was a heavy promotion during the 21st Conference of the International Federation of Operational Research Societies (IFORS 2017) in Québec, Canada from the 17th to the 21st of July 2017. The Organization Committee was present during all the conference with a complete booth full of goodies. In particular, squeeze anti-stress balls mimicking a Valencian orange (typical Valencian fruit) were available in a big jar. We had to deduct many of them balls that the OC used during all these years.

Bright orange wooden fans and many leaflets (tourist attractions, city maps) were available at the booth.

Additionally, new bookmarks (this time with QR codes pointing to the conference web page) were included into the delegate's conference bags.



1.6. EVENT PROMOTION



The booth was populated at all times and it was busy. We could feel the interest for the conference from the many interesting questions. In addition, many potential attendees gave us good ideas that influenced us in the later organization stages.

1.6. EVENT PROMOTION

Lastly, during the closing ceremony of EURO 2017, we introduced EURO 2018 to the audience, with a 10 minute presentation and an updated promotional video of the city of Valencia.



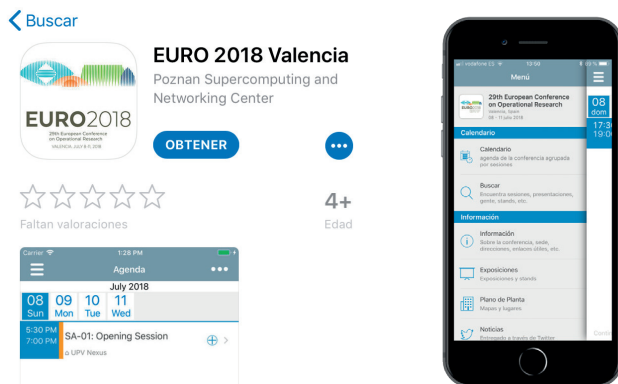
1.7. CONFERENCE APP

EURO 2018 continued the successful experience of EURO 2016 with the conference app provided by the same company: Conference4me (<https://conference4me.psn.pl/en/>)



EURO 2018 Valencia smartphone app provided delegates with the most comfortable tool for planning their participation in the 29th European Conference On Operational Research. The complete programme was available directly from a phone or tablet and delegates were able to create their very own agenda on the fly. The app was available for Android, iOS and Windows Phone devices.

To download mobile app, delegates had to go to <http://scan.conference4me.psn.pl/get/?config=euro2018> or scan the following QR code or type 'euro valencia' in Google Play, iTunes App Store or Windows Phone Store.



1.7. CONFERENCE APP

Considering the download numbers below (available at conference4me backend), a sensible option for next conferences is to save some effort by not distributing a windows phone version.

Welcome, Rubén Ruíz García
Universitat Politècnica de València

EURO2018

Conference



Actions

- ▶ Mobile users
- ▶ Anonymous stats
- ▶ Best exhibitor
- ▶ Surveys
- ▶ Ratings
- ▶ Push notifications

Other

- ↗ Conference4me website
- ✉ Contact us

Results

Platform		Installations
Android		1061
iOS		724
Windows		12
Overall		1797

1.8. SOCIAL AND ENVIRONMENTAL RESPONSIBILITY



EURO 2018 is a socially and environmentally responsible conference

Have you ever wondered about the social and environmental impact of a large conference?

EURO 2018 hosted more than 2500 people. This meant thousands of bags, abstracts books, lanyards, notebooks, pens and other conference materials. On top of that, we had thousands of lunch servings for three days and even a larger number of coffee breaks servings.

The Organization Committee worked hard in order to minimize the social and environmental impact of such a large conference. See all the initiatives below.



Conference bags were manufactured locally by a association of socially vulnerable women with leftover and recycled fabrics.

Fabrics and thread made in the Valencian Community and a team of women in the Mil.una Sagunt project's sewing workshop: this is the formula used for making the 2500 bags handed out to those taking part in the Euro conference, with the help of the Mil.una social support project in Sagunto.

The Euro conference, jointly organised by the University of Valencia and the Polytechnic University of Valencia with ADEIT, collaborated with this project, promoted by the Secular Institute Obreras de la Cruz (Women Workers of the Cross), whose main purpose is providing support for socially vulnerable women and families and fostering their social and employment integration, a field in which it has been working for nearly 20 years.

“Women with difficulties in gaining access to the job market will make the bags to be given to those taking part in the Euro conference, with the help of the Mil.una project in Sagunto”

1.8. SOCIAL AND ENVIRONMENTAL RESPONSIBILITY

Specifically, as members of the Mil.una project explain, this initiative involved the participation of women with difficulties in gaining access to the job market, who had the job of preparing the 2500 bags for the conference participants in the next two months. The Mil.una team pointed out that it was an opportunity to practice educational and employment skills:

“Through workshops and training activities we are aiming to improve the quality of life of the women involved and their families, make them more employable, motivate them to pursue proper training and develop their skills as educators and mothers.”

The delegate bags were not manufactured thousands of kilometers away with plastic fabrics but rather locally, with recycled fabrics kindly donated by local textile manufactures and hand-made by the members of the Mil.una project.

Note that the bags were not uniform as each one used a different recycled fabric, maybe a different color, etc.



1.8. SOCIAL AND ENVIRONMENTAL RESPONSIBILITY



Conference materials handled and bagged by CEDAT foundation

For the preparation of the 2500 bags and inclusion of all materials, EURO 2018 hired CEDAT foundation. CEDAT promotes the labor inclusion and employability of people with disabilities. CEDAT personnel already handle the internal mailing system of the UPV and carry out other valuable work within the Campus. We are so proud of having their collaboration!



Safe leftover food donated and transported to charity

The EURO 2018 Organization Committee issued a very demanding call for tenders for all the catering activities in the conference, most notably the coffee breaks and lunches.

The winning bid and awarded company was Grupo Serhs. One of the things we asked companies is to make sure that all safe food not consumed must be donated to charity. Grupo Serhs put forward a system by which food was sent to Casa Caridad Valencia, a non-profit organization that works towards the integration of homeless citizens and persons at risk of social exclusion. Casa Caridad Valencia operates a network of community kitchens and pantries.



1.8. SOCIAL AND ENVIRONMENTAL RESPONSIBILITY



No conference book with abstracts

The complete program book EURO 2018 with abstracts was about 560 A4 pages. The version with just the tiles of the talks and authors and without abstracts was shorter but still rather bulky at more than 150 A4 pages.

Have you ever wondered about the environmental cost of printing a book?

At least we have to consider the paper, the ink and the printing apparatuses to print the books, including all necessary raw materials and transportation. In order to keep this explanation short, let us just focus on the paper needed.

For the program book with abstracts, printed at both sides we would have needed $560/2=280$ sheets of A4 paper. There were 2500 participants at the EURO 2018 so we would have needed $280*2500=700,000$ sheets of A4 paper. Is this a lot?

Well, according to many sources a medium sized tree is needed to generate about 8,200 sheets of A4 paper. This means that we would have needed $700,000/8200=85.37$ trees just for the sheets in which to print the EURO 2018 full abstracts book.

We are just factoring in the trees needed, not the thousands of liters of water needed to produce the paper from the trees, or the pollution generated by the transportation of the trees to the sawmills or the sheets to our offices.

This is a lot of natural resources used.

Did we really need the conference books? Were the participants willing to lug such a large book during the conference? The reality is that most of us do not even use the book of abstracts that much. We leave it at the hotel and carry it back home in our luggage to place it later in our offices... to gather dust for the years to come.

Electronic PDF books are much more convenient. You can quickly search for authors, titles, you can open it from your filesystem, you can easily copy it and distribute it, you can store it in your phone or tablet, etc.

As a result, the Organization Committee of EURO 2018 decided not to print the abstracts book, not the complete one and not even the shortened program book without the abstracts. We printed the smallest possible A5 booklet with the practical information. The

1.8. SOCIAL AND ENVIRONMENTAL RESPONSIBILITY

full program was available online. The main source of program information was the conference App, which contained all the information of the complete abstracts book in a convenient and easy to use mobile application.

Note that for similar reasons, the participants did not find a USB drive in their conference bags. USB drives generate lots of electronic waste and their usefulness is debatable at best. They just contain the PDF version of the conference program, which was readily available online. These drives need to be connected to a computer and after all, if you have a computer, then you can simply download the online program. 2500 USB drives is a lot of electronic garbage.



Recycling and more recycling

Recycling going on during the conference:

- We put boxes where participants were able to place the used public transportation cards, for recycling. Transportations cards contain a microchip and plastic and can be recycled and/or donated to people without resources.
- There were also boxes where we collected the lanyards and the plastic covers of the badges. All this was recycled and/or donated to NGOs and non-profit organizations for other uses.
- In the conference bag, there was a pen made of recycled cardboard and a notebook made of 100% recycled paper.
- Participants were able to separate the waste generated by the picnic bags during lunch at several containers placed around the campus.

SCIENTIFIC PROGRAMME

2.1. AREAS AND CALL FOR PAPERS

A first Announcement and Call for Papers was sent on October 21st, 2017, giving general information about the important dates, registration fees, and abstract submission, and referring to the web page, already set and working.

The second Announcement and Call for Papers was sent on February 13th, 2018, this time also including detailed information about the Plenary and Keynote speakers, and the Making an Impact sessions.

In addition, several members of the Program Committee and other EURO members made additional call for papers of their respective areas, working groups and national societies. Overall, unless one deliberately chose not to read about EURO 2018, it was hard to miss.

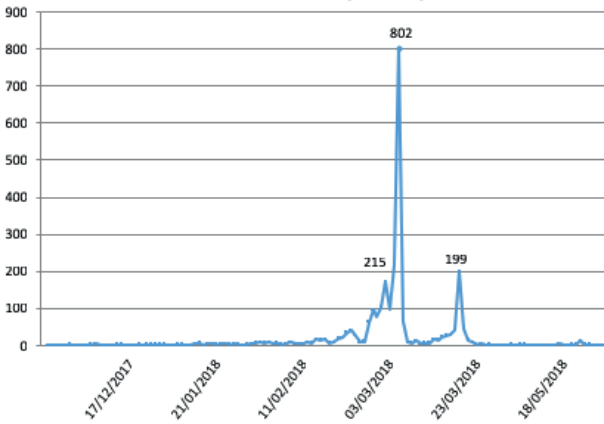
2.2. SUBMISSION PROCESS

The original deadline for abstract submission was March 5th, but following the tradition of previous EURO conferences it was extended by two weeks until March 19th. Some papers were accepted after the deadline following the advice of area coordinators. As can be seen in the figures, a large number of the abstracts arrived just on the deadline, following the general tendency from previous conferences. The second figure also indicates that we received 2108 by the first deadline, and this number finally increased to 2636 abstracts, a 25% increase.

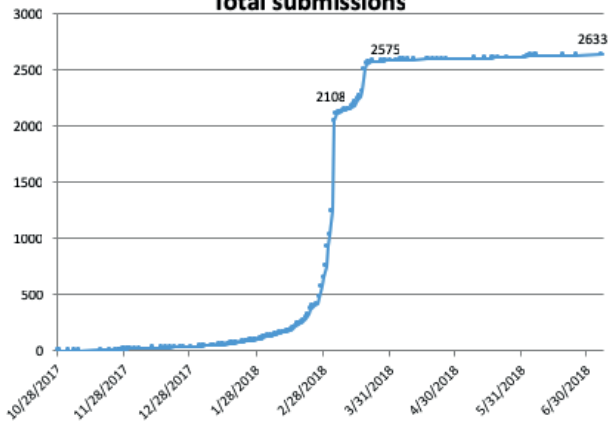
The length of the abstracts was maintained in 1500 characters. The review process was organized by the area coordinators and was carefully done, resulting in a very small number of rejections (7). Authors were informed of the abstract acceptance by the planned date, March 21st. Before organizing the final programme, 585 abstracts were cancelled by the authors or removed because authors finally did not register. Overall, about 2050 presentations were delivered at EURO during the days 9–11 July 2018.

2.2.SUBMISSION PROCESS

Submissions per day



Total submissions



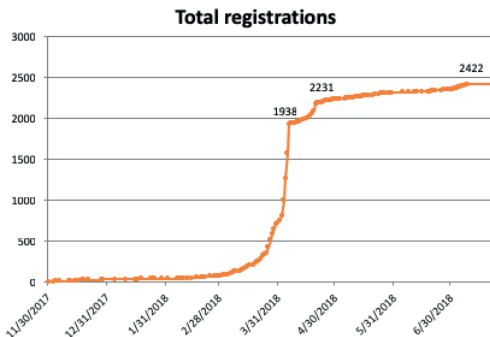
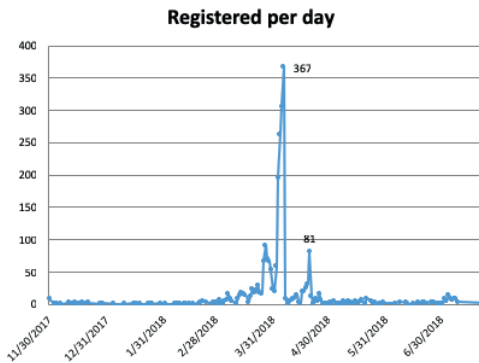
2.3. REGISTRATION

The deadlines concerning the registration process were as follows:

- October 2017, web page open for submissions
- April 6, 2018, early bird registration deadline
- April 20, 2018, author registration deadline
- May 21, 2018, delegate registration deadline

Although, according to the conference rules, abstracts for authors not registered by April 20 should have to be removed, the chair of the Programme Committee extended this deadline until the first days of May, trying to favour the attendance of authors having problems with money transfers from their countries.

The figures show the progress in the number of registrations, with peaks at the deadlines.



2.4. FINAL ATTENDANCE NUMBERS

The table shows the distribution by countries/territories of the **2,416** participants in the conference. Note that the final number depends on small considerations about how to count participants (for example if one counts attendants from sponsor companies).

Participants by country/territory					
Spain	246	Greece	21	Latvia	3
Germany	208	Russian Federation	19	Ukraine	3
Turkey	204	Australia	19	Algeria	3
United Kingdom	193	Islamic Republic of Iran	18	Nigeria	2
Italy	138	Israel	18	Kuwait	2
United States	133	South Africa	14	Peru	2
France	111	Indonesia	12	Pakistan	2
Netherlands	101	Sweden	11	Lebanon	2
Belgium	82	Ireland	10	Malta	2
Austria	72	Romania	10	Viet Nam	2
China	59	Mexico	10	Slovakia	2
Brazil	52	Lithuania	10	United Arab Emirates	2
Portugal	52	Argentina	9	Georgia	1
Canada	51	Hong Kong	9	Kenya	1
Chile	51	Croatia	7	Paraguay	1
Japan	51	Saudi Arabia	5	Venezuela	1
Republic of Korea	47	Morocco	5	Macedonia	1
Poland	43	Serbia	5	Afghanistan	1
Denmark	41	Singapore	5	Panama	1
Colombia	33	Luxembourg	5	Sri Lanka	1
Taiwan	32	New Zealand	4	Philippines	1
India	32	Ecuador	4	Uruguay	1
Czech Republic	28	Iceland	4	Bulgaria	1
Norway	24	Hungary	4	Estonia	1
Switzerland	23	Tunisia	3	Cyprus	1
Finland	21	Slovenia	3		

2.5. SATELLITE EVENTS

Some EURO working groups prepared satellite events that started either right before or right after the conference in cities very close to Valencia. Other colleagues also prepared events with related themes in the vicinity of Valencia. Therefore, it was a perfect opportunity to attend EURO 2018 and a more specific event in the same trip. The list of satellite events is the following:

- EURO Working Group on Operational Research for Development (EWG-ORD) 2018 Workshop in Madrid, Spain, 5-6 July, 2018. Recall that Madrid is less than two hours from Valencia in high-speed train.



- EURO working group on Continuous Optimization (EWG-EUROPT) 16th EUROPT Workshop on Advances in Continuous Optimization in Almería, Spain, 12-13 July, 2018. Almería is easily reachable from Valencia as well.



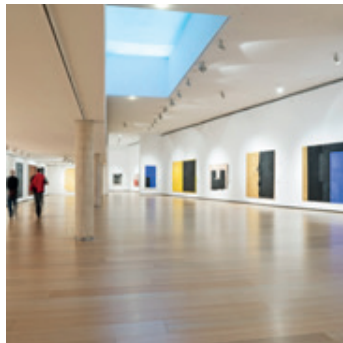
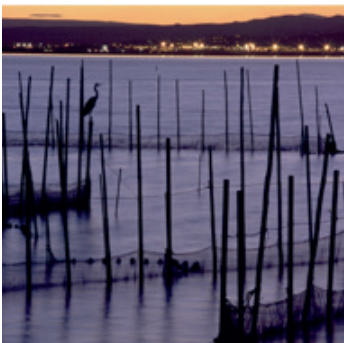
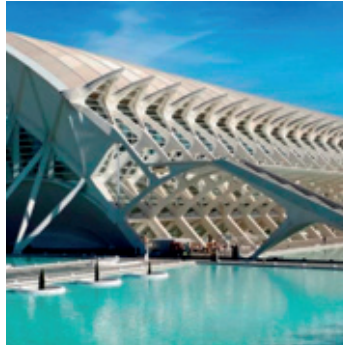
2.5. SATELLITE EVENTS

- II International Conference on Agro BigData and Decision Support Systems in Agriculture in Lleida, Spain, 12-14 July, 2018. Lleida is about three hours away from Valencia.



- The EURO Working Group on Behavioural OR was organized the Young Behavioural OR Colloquium in Madrid just one day before the EURO 2018, i.e., on Saturday 7th. As explained above, Madrid is less than two hours from Valencia in high-speed train.

2.5. SATELLITE EVENTS



SOCIAL PROGRAMME

3.1. LUNCHES Y COFFEE BREAKS

Lunches

Before the conference, the participants received a poll to help the organizers to estimate the number of people attending lunches and social events. This information was used to adjust the available food to the expected number of attendees, trying to reduce waste to a minimum.

More than 2000 lunches were prepared every day. Special attention was paid to the dietary requirements of participants.

The Sports Pavilion of the Universitat Politècnica de València was arranged to serve lunches. Besides this pavilion, other outdoor picnic areas were prepared to provide some comfortable places to have lunch and conversation. After serving lunches and coffees, the remaining food that met sanitary conditions was sent to a non-profit organization.



3.1. LUNCHES Y COFFEE BREAKS



Coffee Breaks

There were several places both in the Universitat de València as well as at the Universitat Politècnica de València where coffees were served. Coffee breaks included water, coffee, juices as well as fresh fruits and assortments of cakes, sandwiches and the like. A minute was included with complete information about allergens.





3.2. WELCOME PARTY

After the opening session, the Universitat Politècnica de València hosted the Welcome Party at the Vera campus. The party started with the firing of a “mascletà”, a pyrotechnic event characterized by the achievement of a noisy and rhythmic composition that features, particularly during daytime, in street festivities. It is typical of the Valencian Community. It gets its name from the masclètes (very loud firecrackers) that are tied by a wick to form a line or firework display. These are usually fastened at a medium height with ropes or raised by cannons.



3.2. WELCOME PARTY



Unlike the fireworks that seek visual stimulation, the masclètà aims to stimulate the body through strong rhythmic sounds of masclèts. Some people consider these sounds as “musical” sounds, while not neglecting the importance of the visual aspect. What distinguishes a masclètà from a succession of explosions is the rhythm that masclèts must create to explode. It is essential that the force of the explosions must gradually rise, before coming to a dramatic conclusion, because without that, a masclètà cannot be considered as such. Valencia has a very close relationship with masclètà, there are no festivals without noise and for this reason, during the welcome party, the participants had the opportunity to feel the sounds of masclèts with the pyrotechnic company Fx Caballer. After the masclètà, a nice cocktail was served accompanied by live music, offered by the Sedajazz Big Band, one of the most important jazz organizations in Spain.

3.2. WELCOME PARTY



3.3. WOMEN IN SCIENCE (WIS) EVENT

On Monday the 9th of July, at the Nexus Hall, we had the 1st Women in Science (WiS) event in a EURO Conference. The main goal was to highlight the role of WiS throughout history. The event consisted of a round table with four women working in the fields of Science and Technology. They shared their experiences and debated the role of women as scientist researchers.

In addition, there was a photography exhibition kindly provided by David Ibáñez Gil de Rames and Nuria Carrasco Vela, President and Secretary respectively of the *Asociación de Tecnología y Ciencia de Bétera* (ASSTEC). The exhibition presented stories of prominent women in Science and Technology throughout history.

Women in Science event

Ada Lovelace
Mathematician
1815-1842

Chien-Shung Wu
Physicist
1912-1997

Emmy Noether
Mathematician-Physicist
1882-1935

Annie Jump Cannon
Astronomer
1863-1940

Marie Curie
Physicist-Chemist
1867-1934

Sponsored by:

ASSTEC
ASOCIACIÓN DE TECNOLOGÍA Y CIENCIA DE BÉTERA

CATEDRA DENTALDOCTORS - UPV

UNIVERSITAT POLITÈCNICA DE VALÈNCIA

DEPARTAMENTO DE ESTADÍSTICA E INV. OPERAT. APLICADAS Y CALIDAD

Cátedra STADLER

La Petite Piroche

EUROBOX

OLIVAR DEVESA

EURO2018

3.3. WOMEN IN SCIENCE (WIS) EVENT

The round table Schedule was.

17:45 - 18:00: Introduction by Dr. Lucía Medea-García López and Dr. Ana López Navajas, from the University of Lisbon and the Universitat de València.

18:00 -18:45: Round table: the role of Women in Science and Technology: past, present and future.

- Cynthia Barnhart. MIT's Chancellor and the Ford Foundation Professor of Engineering.
- Elena Fernández. Full Professor at Universitat Politècnica de Catalunya.
- Nuria Oliver. Director of Data Science Research at Vodafone.
- M. Grazia Speranza. Deputy Rector and Full Professor at the University of Brescia. President-elect of IFORS.

18:45–19:00: Questions.

The round table was moderated by Dr. Lucía Medea-García López.



3.4. GALA DINNER

The gala dinner was held at the Príncipe Felipe Science Museum, which has become a reference point for interactive science. Its main objective is stimulating curiosity and critical thinking and at the same time surprising and amusing the public by its contents from the world of science, technology, and the environment.

The spectacular building designed by Santiago Calatrava contains over 26,000 square meters of exhibitions on current scientific and technical matters. Full interactivity is one of its special features, the motto of which is “Forbidden not to touch, not to feel, not to think”. The method used by the Museum consists of a huge variety of seasonal exhibitions and scientific activities of all kinds to arouse the visitor’s curiosity on new technologies and scientific advancements, so as generate a pleasant learning process in which the visitor always takes an active part and decides where he/she would like to go and what he/she would like to know.



3.4. GALA DINNER



The diversity of interactive exhibitions and the numerous activities of dissemination that have been carried out at the Museum have helped to make it a great success with members of the public, who have responded enthusiastically to its bid to disseminate science and technology from an amusing and entertaining viewpoint without forgetting the scientific precision necessary when approaching the subjects treated.

The gala dinner was entertained by the musical group Mohannad Nasser who livened our gala dinner. Mohannad Nasser is backed up by Berklee prestigious music school, Valencia campus. Mohannad Nasser and his group will play Brazilian and Flamenco music with Arab influences.

3.4. GALA DINNER



Fireworks are a class of low explosive pyrotechnic devices used for aesthetic and entertainment purposes. The most common use of a firework is as part of a fireworks display (also called a fireworks show or pyrotechnics), a display of the effects produced by firework devices. Fireworks take many forms to produce the four primary effects: noise, light, smoke, and floating materials. They may be designed to burn with coloured flames and sparks.

We cannot understand Valencia without fireworks, so during the Gala Dinner the participants enjoyed a fireworks show with the pyrotechnic company Fx Caballer.

3.4. GALA DINNER



3.5. CLOSING PARTY

The closing party took place on Wednesday 11th at the Hemisfèric, an IMAX Cinema, planetarium and laserium. The building is meant to resemble a giant eye, and has an approximate surface of 13,000 m². The name in English is Hemesferic, also known as the planetarium or the “eye of knowledge,” and it is the centrepiece of the City of Arts and Sciences. The bottom of the pool is glass, creating the illusion of the eye as a whole. This planetarium is a half-sphere composed of concrete 110 meters long and 55.5 meters wide. The shutter is built of elongated aluminium awnings that fold upward collectively to form a roof that opens along the curved axis of the eye. It opens to reveal the dome, the “iris” of the eye, which is the Ominax theatre. The City of Arts and Sciences is divided in half by a set of stairs that descend into the vaulted concrete lobby. The underground spaces are illuminated with the use of translucent glass panels within the walking path. The transparent roof is supported by concrete arches that connect to the sunken gallery. There is a miraculous echo inside of the building and if two people stay on the two opposite pillars inside of the eye they can seamlessly speak with each other.



3.5. CLOSING PARTY



This time the live music was provided by Xaranga La Figarmònica, a group of 15 young musicians, all of them with medium/superior studies related to music. They have several years of successful experience playing in festivals along the Valencia region. Xaranga in Valencian language and Charanga in Spanish is a name given to represent a musical band, with wind and percussion instruments, which typically plays during popular festivals. One of the main characteristics of the Xaranga is that they play while they are moving along the streets, interacting with the public. The participants in the closing party had the opportunity to dance along with the Xaranga while saying goodbye to colleagues and friends. We also had the chance to see soccer in a giant screen!

3.5. CLOSING PARTY



VENUE AND MAPS

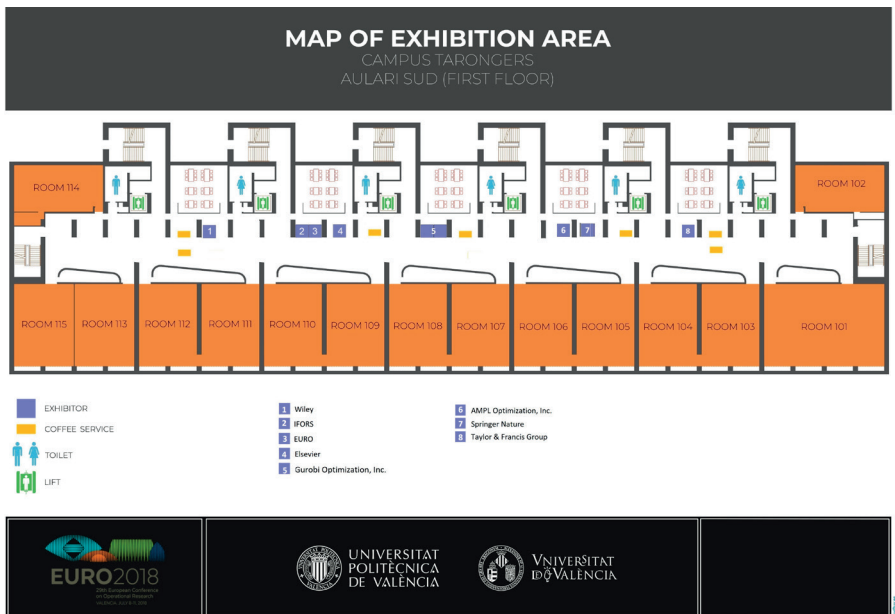
UNIVERSITAT ID VALÈNCIA - Campus de Burjassot

4.1. EXHIBITION AREA

Opening times of exhibition area:

Monday, July 9, 2018 to Wednesday, July 11 from 08.30h - 16.30h

Map



4.1. EXHIBITION AREA



Taylor & Francis Group
an **informa** business

www.tandfonline.com
Contact person:
Ian.Challand@tandf.co.uk

SPRINGER NATURE

www.springernature.com

WILEY

www.wiley.com



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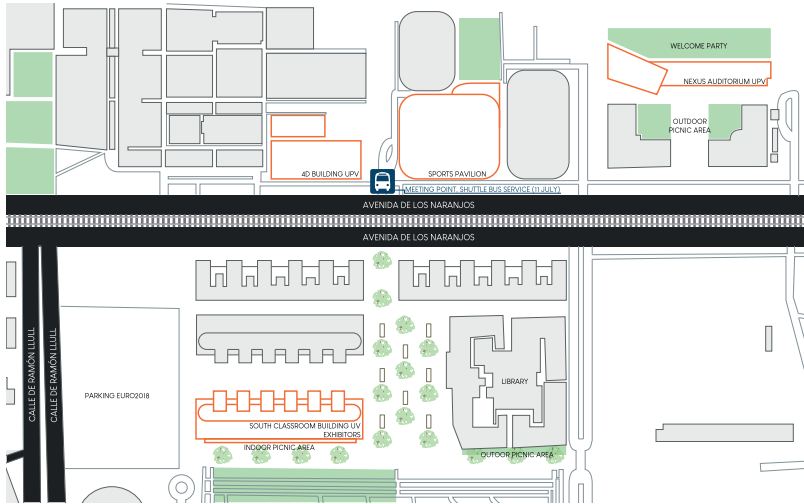
Euro 2019 Conference Secretariat
www.euro2019dublin.com
euro2019dublin@abbey.ie



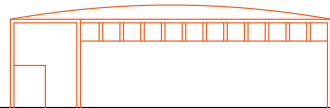
ifors.org
IFORS Secretary:
secretary@ifors.org

FICO

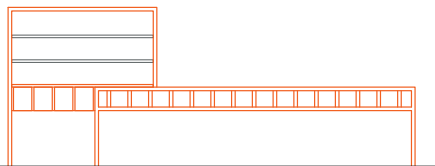
4.2. CONFERENCE VENUE MAPS



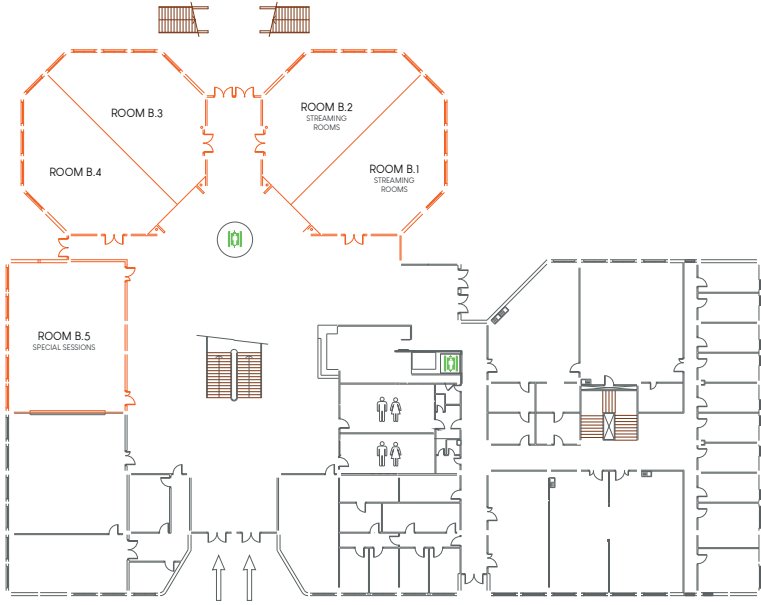
4D BUILDING UPV
GROUND FLOOR
 SESSION ROOMS B1 – B5
1ST FLOOR
 SESSION ROOMS 1.1 – S 1.6
2ND FLOOR
 SESSION ROOMS 2.1 – S 2.5



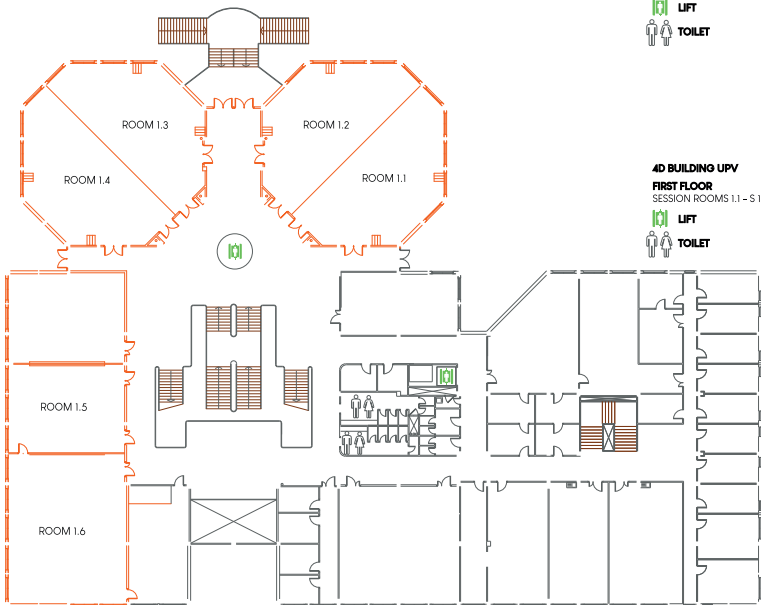
SPORTS PAVILION
 REGISTRATION / PICNIC TAKE AWAY



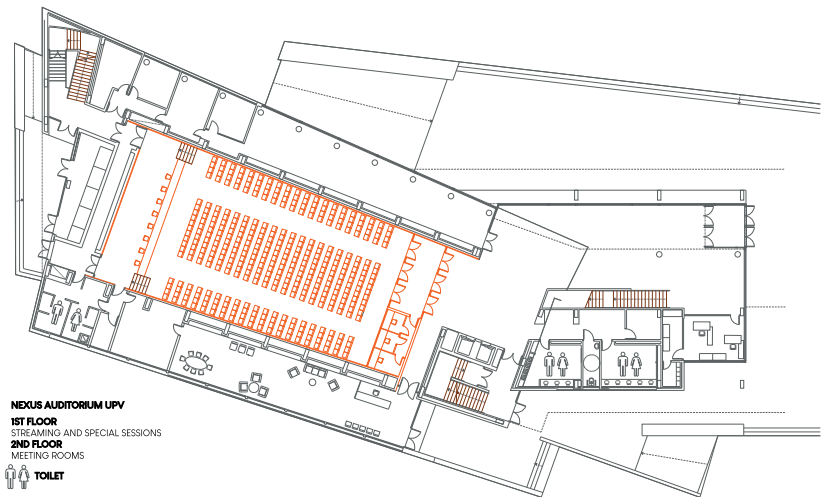
NEXUS AUDITORIUM UPV
1ST FLOOR
 PLENARIES, KEYNOTES AND OPENING SESSIONS
2ND FLOOR
 MEETING ROOMS

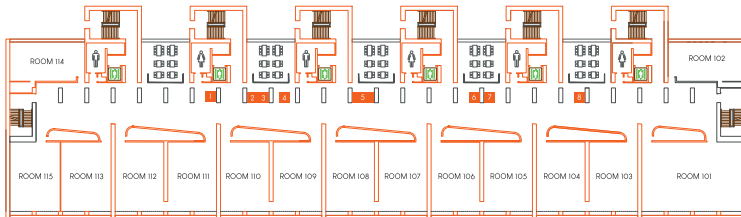
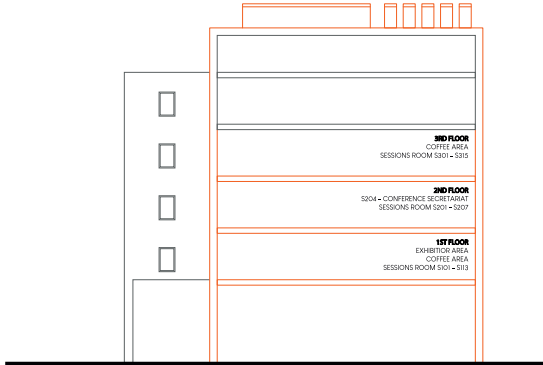


4D BUILDING UPV
GROUND FLOOR
 SESSION ROOMS B1 – B5
 LIFT
 TOILET



4D BUILDING UPV
FIRST FLOOR
 SESSION ROOMS 1.1 – 1.6
 LIFT
 TOILET





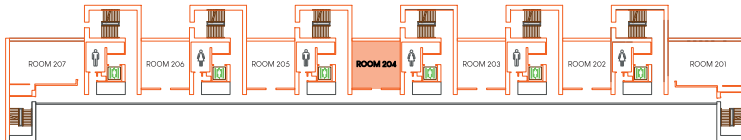
FIRST FLOOR - SOUTH CLASSROOM BUILDING UV

SESSIONS ROOMS

EXHIBITORS

- ▶ VULF
- ▶ VIDS
- ▶ VISO
- ▶ VSEVER
- ▶ VENDOR OPTIMIZATION, INC
- ▶ AMPH, OPTIMIZATION, INC
- ▶ VENDOR NATURE
- ▶ TAYLOR & FRANCIS GROUP

- U LIFT
- T TOILET

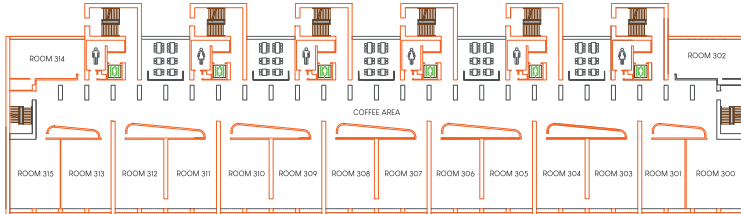


SECOND FLOOR - SOUTH CLASSROOM BUILDING UV

SESSIONS ROOMS

ROOM 204 - CONFERENCE SECRETARIAT

- U LIFT
- T TOILET



THIRD FLOOR - SOUTH CLASSROOM BUILDING UV

SESSIONS ROOMS

COFFEE AREA

- U LIFT
- T TOILET



CONFERENCE BALANCE

Income			
	Unit cost	Number	Amount
Registration fees			
Student/retired early	200	637	127.400
Student/retired late	300	72	21.600
Student with reduced fee	50	35	1.750
Regular early	400	1317	526.800
Regular late	500	285	142.500
Regular with reduced fee	100	20	2.000
Accompanying person	125	85	10.625
Conference dinner	75	765	57.375
Sponsors and exhibitors			
Sponsors and exhibitors			33.205,76
Total			923.255,76

Expenditure	
Venues	107.257,45
Technical equipment	26.128,92
Administration	143.549,32
EURO fees	39.680,00
Reimbursed fees	4.725,00
Committees and speakers	34.608,03
Promotions	72.706,71
Catering	184.455,81
Social programme	162.314,46
Assistants	59.536,68
Others	8.299,96
Total	843.262,34
Benefit	79.993,41



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VALENCIA. JULY 8-11, 2018



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