



## Handschedule

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15<sup>th</sup> – 18<sup>th</sup> May 2018

Setúbal - Portugal



	Tuesday May 15 <sup>th</sup>	Wednesday May 16 <sup>th</sup>	Thursday May 17 <sup>th</sup>	Friday May 18 <sup>th</sup>	
09:00		<b>Opening Ceremony</b>			09:00
09:20		<b>PL1</b> Chihaya Adachi	<b>PL2</b> Luisa de Cola	<b>PL3</b> Jonathan Clayden	09:20
09:50			<b>IL5</b> Zita Martins		09:50
10:10		<b>IL1</b> Márcia Vilarigues	<b>OC12</b> Ana Rita Neves	<b>IL9</b> Célia Fonseca-Guerra	10:10
10:15					10:15
10:30		Coffee Break and Poster Session I	Coffee Break and Poster Session II	<b>OC22</b> José Pereira	10:30
10:35				Coffee Break @ Fover	10:35
10:50					10:50
11:25		<b>IL2</b> Javier Montenegro	<b>IL6</b> Nuno Mateus	<b>IL10</b> Nathan McClenaghan	11:25
11:50		<b>OC1</b> Massimo Tosolini	<b>OC13</b> Carla Pereira	<b>OC23</b> Veronica Tona	11:50
12:05		<b>OC2</b> Fausto Queda	<b>OC14</b> Joana Oliveira	<b>OC24</b> Cláudia D. Alves	12:05
12:20		<b>OC3</b> Ángel Vidal-Vidal	<b>OC15</b> José Pinela	<b>OC25</b> João Ravasco	12:20
12:35		<b>OC4</b> João F. Borges	<b>OC16</b> Joana Azevedo	<b>OC26</b> Luca Pisciotanni	12:35
12:50		<b>OC5</b> João António	<b>OC17</b> Catarina Pinto	<b>OC27</b> M. Inês P. S. Leitão	12:50
13:05		Lunch	Lunch	Lunch	13:05
14:20		<b>IL3</b> Filipe Paz	<b>IL7</b> Pol Besenius	<b>IL11</b> Ana Rita Duarte	14:20
14:45		<b>OC6</b> Márcia Ribeiro	<b>OC18</b> Tiago Moreira	<b>OC28</b> Micael Silva	14:45
15:00		<b>OC7</b> Sílvia Quaresma	<b>OC19</b> Noémi Jordão	<b>OC29</b> Eduarda S. Morais	15:00
15:15		<b>OC8</b> Bárbara L. Oliveira	Coffee Break and Poster Session II	<b>OC30</b> Sofia Domingos	15:15
15:30		Coffee Break and Poster Session I		Coffee Break @ Fover	15:30
16:05			<b>IL8</b> Eurico Cabrita	<b>EYCN</b> João Borges	16:05
16:20		<b>IL4</b> Tiago Rodrigues	<b>OC20</b> Bruno Medronho	<b>NEQ/AAC</b> Márcia Campos	16:20
16:30			<b>OC21</b> Ana S. D. Ferreira		16:30
16:45		<b>OC9</b> Miguel M. Santos		<b>PYCA award</b>	16:45
17:00	<b>Welcome Cocktail and Registration</b>	<b>OC10</b> Telma B. Soares			17:00
17:10		<b>OC11</b> Rita C. Acúrcio		<b>Best Poster Award</b>	17:10
17:15					17:15
17:25				<b>Closing ceremony</b>	17:25
17:30					17:30
17:45		<b>GQJ Assembly</b>	<b>Conference dinner (until 23:00)</b>		17:45

PL - Plenary Lecture; Invited Lecture; OC - Oral Communication; EYCN - European Young Chemists Network;  
PYCA - Portuguese Young Chemists Award

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# Welcome Message

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On behalf of the Portuguese Young Chemists group from the Portuguese Society of Chemistry (SPQ), we kindly welcome you to join us at the 6<sup>th</sup> Portuguese Young Chemists Meeting (6<sup>th</sup> PYCheM), set in the beautiful city of Setúbal, from May 15<sup>th</sup> to 18<sup>th</sup> 2018.

This biennial conference, dating back to 2008, is dedicated to gather young researchers from all subfields of Chemistry, as well as other related scientific areas of Research.

Young chemists and researchers from any nationality are particularly encouraged to share their scientific highlights amongst their peers from chemical sciences, expand their international research network and attend lectures from recognized experts in various fields of Chemistry.

This event will count with 3 plenary lectures, 11 invited lectures, 30 oral communications and 2 poster sessions with over 95 posters.

The Portuguese Young Chemists Award (PYCA) attributed by The Young Chemists Group (GQJ) from SPQ aims to promote excellence in Chemistry developed by young researchers, with particular focus on the scientific impact on the Society. Moreover, GQJ is pleased to announce that the European Young Chemists' Network (EYCN), in collaboration with Evonik Industries, will kindly sponsor the EYCN best poster award presented at the 6<sup>th</sup> PYCheM by a young researcher.

The beautiful and historical city of Setúbal is located south of Lisbon on the northern bank of the Sado River estuary. It is possible to observe nature conservation areas such as Sado Estuary Nature Reserve and Arrábida Natural Park, with a unique natural beauty and also dolphins in the wild. We hope you will find these four days to be an informative, stimulating and pleasant time in this conference.

Welcome to Setúbal,

The 6<sup>th</sup> Portuguese Young Chemists Meeting Organizing Committee

# Committees

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## **SCIENTIFIC COMMITTEE**

João Mano (PT, Univ. Aveiro)  
Isabel Ferreira (PT, IPB)  
Maria de Lurdes Cristiano (PT, Univ. Algarve)  
Eduardo Marques (PT, Univ. Porto)  
Laura Rodriguez (ES, Univ. Barcelona)  
Hélder Santos (FI, Univ. Helsinquia)  
Carlos Baleizão (PT, Univ. Lisboa - IST)  
Nuno Maulide (AT, Univ. Viena)  
Susana Costa (PT, Univ. Minho)  
Maria Manuel Marques (PT, Univ. NOVA de Lisboa - FCT)  
Beatriz Royo (PT, Univ. NOVA de Lisboa - ITQB)  
Filipe Paz (PT, Univ. Aveiro)  
Anthony J. Burke (PT, Univ. Évora)  
Uwe Pischel (ES, Univ. Huelva)  
Sérgio Seixas de Melo (PT, Univ. Coimbra)

## **ORGANIZING COMMITTEE**

Artur J. Moro (Univ. NOVA de Lisboa - FCT)  
Nuno Basílio (Univ. NOVA de Lisboa - FCT)  
Ana Lúcia Pinto (Univ. NOVA de Lisboa - FCT)  
Miguel Santos (Univ. NOVA de Lisboa - FCT)  
João Avó (Univ. Lisboa - IST)  
Carina Crucho (Univ. Lisboa - IST)  
Tatiana Vitorino (Univ. NOVA de Lisboa - FCT)  
Noémi Jordão (Univ. NOVA de Lisboa - FCT)  
Tiago Moreira (Univ. NOVA de Lisboa - FCT)  
Hugo Cruz (Univ. NOVA de Lisboa - FCT)  
Andreia Forte (Univ. NOVA de Lisboa - FCT)  
André Seco (Univ. NOVA de Lisboa - FCT)  
Vânia Pais (Univ. NOVA de Lisboa - FCT)  
Jessica Machado (Univ. NOVA de Lisboa - FCT)

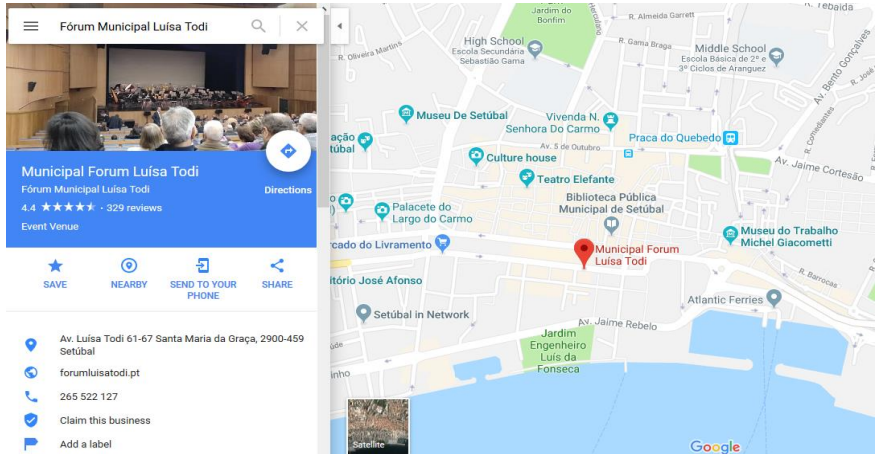
## **SPQ SECRETARIAT**

Leonardo Mendes  
Cristina Campos

# Maps and Guidelines


## MEETING VENUE

The conference venue will be held at Fórum Luisa Todi, located in the center of Setúbal, very close to the river, from May 15<sup>th</sup> to 18<sup>th</sup> 2018.



## Address

Avenida Luisa Todi, nº 61-67, 2900-459 Setúbal – Portugal

 GPS coordinates: 38.5217546, -8.8919008

## HOW TO ARRIVE

Coming from Lisbon the best option to get to the venue is to take the train Fertagus in one of the following stations: *Roma-Areeiro*, *Entrecampos*, *Sete Rios* or *Campolide*.

**NOTE:** Beware that not all Fertagus trains departing from these stations are headed to Setúbal. Some (most) will stop half-way at Coina. The trip to Setúbal by train takes nearly an hour, and then is about 15 minutes' walk from the venue.



## **COFFEE BREAK**

The coffee break in the conference venue will be held at Galeria Municipal do 11 (antigo Quartel do 11) near by the Fórum Luísa Todi, from May 16<sup>th</sup> to 17<sup>th</sup> 2018, and in the Fórum Luísa Todi (@Foyer) at May 18<sup>th</sup>, 2018.

### **Address**

Galeria Municipal do Onze (antigo Quartel do 11)

Avenida Luísa Todi, Baluarte do Cais, nº5

2900-461 Setúbal, Portugal

## **REGISTRATION**

The registration should be performed on May 15<sup>th</sup> from 17:00 to 20:00 at the main hall of Fórum Luísa Todi.

## **ACCESS TO INTERNET**

In the building it is possible to access the wireless network using the following credentials:

**Wireless credentials** - Username: CMSetubal\_Publico

## **LANGUAGE**

English is the official language of the congress.

## **VOLTAGE**

In Portugal the line voltage is 220V.

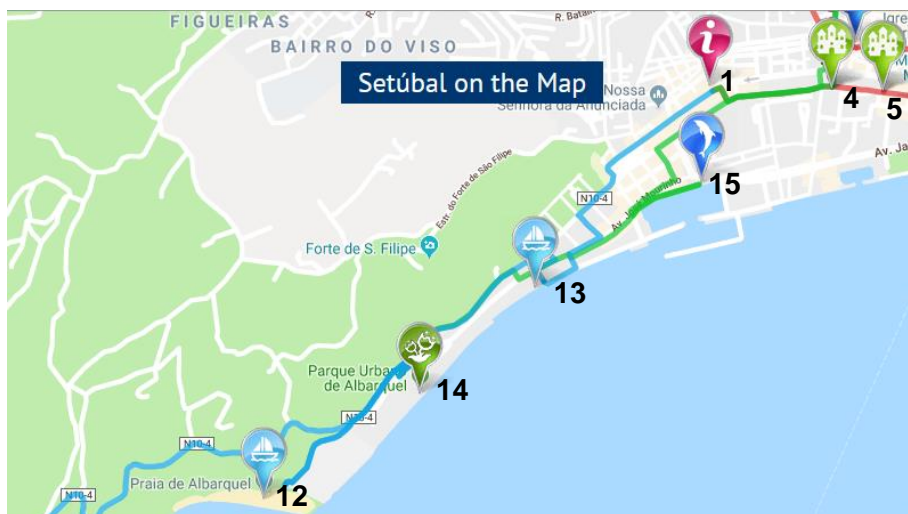
## **INSURANCE**

Participants are responsible for arranging their own health and accident insurance.

## **BANKING**

Several banks and ATMs are located within 8 minutes' walk distance from the venue.

## POINTS OF INTEREST



- |   |                             |
|---|-----------------------------|
| 1 – Casa da Baía: Tourism Promotion Center        | 9 – Jesus Convent (Church)  |
| 2 – Casa da Cultura/Culture House                 | 10 – Jesus Convent (Museum) |
| 3 – Fórum Luísa Todí                              | 11 – Parque do Bonfim       |
| 4 – Livramento Market                             | 12 – Albarquel Beach        |
| 5 – Municipal Gallery of the Old Bank of Portugal | 13 – Beach Saúde            |
| 6 – Michel Giacometti Museum                      | 14 – Albarquel Urban Park   |
| 7 – Bocage  | 15 – Dolphin boat watching  |
| 8 – Casa do Corpo Santo/Baroque Museum            |                             |



## WHERE TO EAT

Restaurant	Typical dishes	Average price
<b>Leo do Petisco</b>	fried cuttlefish	€
<b>Casa Santiago</b> <b>(Rei do Choco-Frito)</b>	fried cuttlefish	€€
<b>Novo 10</b>	fish and fresh seafood	€€
<b>O Batareo</b>	grilled fish and fresh seafood	€€
<b>O Ramila</b>	fish and fresh seafood	€
<b>Poço das Fontainhas</b>	fresh fish	€€
<b>Ribeirinha do Sado</b>	roasted fish, fried cuttlefish or the specialty: rich fish pasta - fish soup	€€
<b>Âncora Azul</b>	fish casserole (the value already includes drink, dessert and coffee)	€
<b>Tasquinha do Rio</b>	fish and meat dishes, snacks	€
<b>Retiro da Algodeira</b>	grilled fish and meat dishes	€€
<b>Rockalot Acqua Bay</b>	pizzas in a wood-fired oven, sushi, pasta with cuttlefish or black pork cheeks with truffle and pear puree	€
<b>Pérola da Mourisca</b>	snacks	€€
<b>Burguesa - Burger &amp; Gin</b>	hamburgers	€

## SOME BAR'S TO VISIT IN THE DAY OR NIGHT

- Tucanos
- Get in
- Laranja
- Álibi
- Taifa

# Social Program

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## ***WELCOME COCKTAIL***

The welcome cocktail will be held in the venue in the bar lounge Roof61, in the first day of congress (May 15<sup>th</sup>) at 17:00.

## ***TASTING & CONFERENCE DINNER***

The Conference dinner of PYChEM (which is included in the registration price) will take place at Casa Ermelinda Freitas, one of the top-ranked wine producers in Portugal, during the evening of May 17<sup>th</sup>. The dinner will be preceded by a visit to the vineyards and wine production facilities, followed by a tasting session with 5 of their wines, served with traditional, locally-sourced products. The tour takes around an hour and a quarter. Bus Transportation to Casa Ermelinda Freitas from Fórum Luísa Todi (and back) is included.



# Scientific Information

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## **ORAL COMMUNICATIONS**

The oral communications are divided in:

**PL|** Plenary sessions (45 minutes for presentation, plus 5 minutes for Q&A).

**IL|** Invited Oral Communications (20 minutes for presentation, plus 5 minutes for Q&A).

**OC|** Oral Communications (10 minutes for presentation, plus 5 minutes for Q&A).

**NOTE: To all participants presenting oral communications,** it is kindly asked to contact one organization member **24 hours in advance at the reception desk** to deliver your PowerPoint presentation.

## **POSTER COMMUNICATIONS**

Two poster sessions will be held in the congress, giving the opportunity for exchange of ideas and networking between all participants.

**Poster Session 1:** odd numbered (10:35-11:25 and 15:30-16:20, **May 16<sup>th</sup>**)

**Poster Session 2:** even numbered (10:30-11:25 and 15:15-16:05, **May 17<sup>th</sup>**)

**NOTE:** The maximum size for the posters is **A0** in portrait orientation (**0.84 x 1.19 m**).

**The posters should be placed before 10:00 of the corresponding day and should be removed until 19:00.**

# Awards

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## **PORTUGUESE YOUNG CHEMISTS AWARD – PYCA 2018**

The Portuguese Young Chemists Award (PYCA) attributed by GQJ/SPQ aims since 2010, to promote excellence in Chemistry developed by young researchers, with particular focus on the scientific impact on the Society. The prize is awarded every two years, to recent doctors with less than 35 years and laureates the investigation performed during their PhD. It is opened to Portuguese or foreigner young researchers that received his/her PhD degree in any field of the chemical sciences from a Portuguese University between January 2016 and December 2017.

This award comprises a monetary prize and a certificate, kindly sponsored by ChemPubSoc Europe (Wiley-VCH), and a scientific book, kindly sponsored by Gradiva Editora and will be delivered to the winner at the 6<sup>th</sup> PYChem, where he/she might talk about his/her work.



WILEY-VCH



## **BEST POSTER AWARD AT THE 6TH PYCHEM**

The Young Chemists Group (GQJ) of the Portuguese Chemical Society (SPQ) is pleased to announce that the European Young Chemists' Network (EYCN), in collaboration with Evonik Industries, will kindly sponsor the EYCN best poster award presented at the 6<sup>th</sup> Portuguese Young Chemists Meeting (6<sup>th</sup> PYChem) by a young researcher. The award comprises a monetary prize and a certificate and will be delivered at the 6<sup>th</sup> PYChem.



# Detailed Schedule

Wednesday, May 16<sup>th</sup>, 2018

09:00-09:20 Opening Ceremony

**Session 1** | Chairman: Artur Moro (LAQV@REQUIMTE - Univ. NOVA de Lisboa - FCT) | Auditorium

09:20 | **PL1** | Chihaya Adachi (OPERA - Organic Photonics and Electronics Research, Japan)  
*Control of excitonic processes in organic semiconductors aimed for high performance light emitting devices*

10:10 | **IL1** | Márcia Vilarigues (Univ. NOVA de Lisboa - FCT, Portugal)  
*Painting with light – a study on historical recipes*

10:35-11:25 Coffee break and Poster Session I (Galeria Municipal do 11)

**Session 2** | Chairman: Beatriz Royo (Univ. NOVA de Lisboa – ITQB) | Auditorium

11:25 | **IL2** | Javier Montenegro (CIQUS - University of Santiago de Compostela, Spain)  
*Supramolecular Tools in Cell Delivery and Synthetic Biology*

11:50 | **OC1** | Massimo Tosolini (University of Trieste, Italy)  
*Metal Complexes as Anion Transporters*

12:05 | **OC2** | Fausto Queda (LAQV@REQUIMTE - Univ. NOVA de Lisboa - FCT, Portugal)  
*Bacterial Cell Wall Surrogates from Chitosan: a new molecular recognition system*

12:20 | **OC3** | Angel Vidal-Vidal (University of Vigo, Spain)  
*High Efficient Capture and Sensing of Quat Herbicides Using Ring-Shaped Nanostructures as Host Systems*

12:35 | **OC4** | João Filipe Borges (University of Aveiro, Portugal)  
*Engineering Marine Polysaccharides-based Hollow Multilayered Microcapsules for Enhanced Cellular Uptake*

12:50 | **OC5** | João Pedro Marante António (iMed.U LISBOA - Faculty of Pharmacy, Portugal)  
*Diazaborines: Boronic acids under disguise for selective inhibition of Human Neutrophil Elastase*

13:05-14:20 Lunch

**Session 3** | Chairman: Sandra Gago (LAQV@REQUIMTE – Univ. NOVA de Lisboa - FCT, Portugal) | Auditorium

- 14:20 | **IL3** | Filipe Alexandre Almeida Paz (University of Aveiro, Portugal)  
*Chemistry Architecture: Building Functional Metal-Organic Frameworks*
- 14:45 | **OC6** | Márcia Almeida Ribeiro (IST - University of Lisbon, Portugal)  
*New photoactive pillared MOFs assembled by mechanochemistry for energy applications*
- 15:00 | **OC7** | Sílvia Quaresma (IST – University of Lisbon, Portugal)  
*BioMOFs: potential systems for biomedical applications*
- 15:15 | **OC8** | Bárbara Luís de Oliveira (University of Lisbon, Portugal)  
*Sensors Based on Customly Designed Iron(II) Coordination Polymers*

15:30-16:20 Coffee Break and Poster Session I

(Galeria Municipal do 11)

**Session 4** | Chairman: Javier Montenegro (CIQUS - University of Santiago de Compostela, Spain) | Auditorium

- 16:20 | **IL4** | Tiago Rodrigues (Instituto de Medicina Molecular, Portugal)  
*Using artificial intelligence to understand the pharmacology of natural products*
- 16:45 | **OC9** | Miguel Santos (LAQV@REQUIMTE – Univ. NOVA de Lisboa - FCT, Portugal)  
*New perspective on osteosarcoma using bisphosphonate-based Ionic Liquids*
- 17:00 | **OC10** | Telma Bezerra Soares (CF-UM-UP – University of Minho, Portugal)  
*Fluorescent graphene oxide quantum dots as traceable, pH sensitive nanocarriers for an anticancer drug*
- 17:15 | **OC11** | Ana Rita Acúrcio (iMed.U LISBOA - Faculty of Pharmacy, Portugal)  
*New small-molecule immune system modulators towards cancer immunotherapy*

17:45-19:00 GQJ Assembly

(Fórum Luísa Todí)

Thursday, May 17<sup>th</sup>, 2018

**Session 5** | Chairman: Nathan McClenaghan (Institut des Sciences Moléculaires, France) | Auditorium

- 09:00 | **PL2** | Luisa de Cola (University of Strasbourg, France)  
*Stimulus responsive and self-assembled materials*
- 09:50 | **IL5** | Zita Martins (IST – University of Lisbon, Portugal)  
*Abiotic formation of the building blocks of life – implications to the origin of life on Earth and elsewhere*
- 10:15 | **OC12** | Ana Rita Neves (Faculty of Pharmacy, Portugal)  
*From the Sea to... the Sea! Antifouling Marine-Inspired Synthetic Steroid Derivatives*

10:30-11:25 Coffee break and Poster Session II (Galeria Municipal do 11)

**Session 6** | Chairman: Nuno Basilio (LAQV@REQUIMTE – Univ. NOVA de Lisboa - FCT, Portugal) | Auditorium

- 11:25 | **IL6** | Nuno Mateus (ICETA/REQUIMTE – University of Porto, Portugal)  
*ANTHO4SKIN – Recycling anthocyanins from food wastes for cosmetic applications*
- 11:50 | **OC13** | Carla Pereira (CIMO - Instituto Politécnico de Bragança, Portugal)  
*Recovery of Anthocyanins from Sweet Cherry Wastes: Process Modeling and Optimization Using Response Surface Methodology*
- 12:05 | **OC14** | Joana Oliveira (ICETA/REQUIMTE – University of Porto, Portugal)  
*Colour modulation of blue anthocyanin-derivatives. Lignosulfonates as a tool to improve the water solubility of natural blue dyes*
- 12:20 | **OC15** | José Pinela (CIMO - Instituto Politécnico de Bragança, Portugal)  
*Ultra-high Pressure-assisted Extraction of Phenolic Compounds from Watercress: Characterization and Process Optimization*
- 12:35 | **OC16** | Joana Azevedo (ICETA/REQUIMTE - University of Porto, Portugal)  
*Reactivity of cork extracts with (+)-catechin in wine model solutions: Identification of a new family of ellagitannin-derived compounds (corklins)*
- 12:50 | **OC17** | Catarina Pinto (CQC - University of Coimbra, Portugal)  
*The molecules of color in Portuguese postage stamps*

13:05-14:20 Lunch

**Session 7** | Chairman: Eurico Cabrita (UCBIO/REQUIMTE – Univ. NOVA de Lisboa - FCT, Portugal) | Auditorium

- 14:20 | **IL7** | Pol Besenius (Institute of Organic Chemistry, Germany)  
*Regulated Assembly of Functional Multicomponent Supramolecular Polymers*
- 14:45 | **OC18** | Tiago Moreira (LAQV@REQUIMTE – Univ. NOVA de Lisboa - FCT, Portugal)  
*Highly Transparent, Conductive and Flexible Electrodes for Electrochromic Devices Using a “Green” Hybrid Copper-Nanowire-Reduced-Graphene-Oxide Coating*
- 15:00 | **OC19** | Noémi Jordão (LAQV@REQUIMTE – Univ. NOVA de Lisboa - FCT, Portugal)  
*Innovative Electrochromic and Photochromic Ionic Liquids*

15:15-16:05 Coffee Break and Poster Session II (Galeria Municipal do 11)

**Session 8** | Chairman: João Filipe Borges (University of Aveiro, Portugal) | Auditorium

- 16:05 | **IL8** | Eurico Cabrita (UCBIO/REQUIMTE – Univ. NOVA de Lisboa - FCT, Portugal)  
*Rationalizing CO<sub>2</sub> capture with ionic liquids using high pressure NMR spectroscopy*
- 16:30 | **OC20** | Bruno Medronho (University of Algarve, Portugal)  
*Advances in cellulose dissolution and regeneration: From scattering and rheology to a new NMR approach*
- 16:45 | **OC21** | Ana Ferreira (UCBIO/REQUIMTE – Univ. NOVA de Lisboa - FCT, Portugal)  
*Looking inside a pore: Probing sol-gel microenvironment by PFGSE HRMAS NMR*

17:30-23:00 Conference Dinner (Casa Ermelinda Freitas)



Friday, May 18<sup>th</sup>, 2018

**Session 9** | Chairman: Uwe Pischel (CIQSO - University of Huelva, Spain) | Auditorium

- 09:20 | **PL3** | Jonathan Clayden (School of Chemistry, University of Bristol, UK)  
*Exploiting Conformational Control: Reactivity, Relays and Receptors*
- 10:10 | **IL9** | Célia Fonseca-Guerra (Vrije Universiteit Amsterdam, The Netherlands)  
*Attractive and repulsive orbital interactions in hydrogen bonding and aurophilic interactions*
- 10:35 | **OC22** | José Pereira (CICECO and CESAM – University of Aveiro, Portugal)  
*Computational optimization of bioadsorbents for the removal of pharmaceuticals from water*

10:50-11:25 Coffee break

(Fórum Luísa Todi (@Foyer))

**Session 10** | Chairman: Jonathan Clayden (University of Bristol, UK) | Auditorium

- 11:25 | **IL10** | Nathan McClenaghan (Institut des Sciences Moléculaires, France)  
*From Foldaxanes to Explosomes: Photoactive Supramolecular Systems*
- 11:50 | **OC23** | Veronica Tona (Institute of Organic Chemistry - University of Vienna, Austria)  
*Chemoselective Aminations via Electrophilic Activation of Amides*
- 12:05 | **OC24** | Cláudia Daniela Alves (University of Coimbra, Portugal)  
*Asymmetric Neber Reaction in the Synthesis of 2-(Tetrazol-5-yl)-2H-Azirines*
- 12:20 | **OC25** | João Manuel Ravasco (iMed.Ulisboa - Faculty of Pharmacy, Portugal)  
*Bifunctional trans- cyclooctenes (BITCO's) for enhanced spatial and temporal resolution study of biological systems*
- 12:35 | **OC26** | Luca Pisciotanni (CNRS/University of Bordeaux, France)  
*Synthesis of electroactive subcomponents for molecular machines*
- 12:50 | **OC27** | Maria Inês Paiva da Silva Leitão (ITQB - Univ. NOVA de Lisboa)  
*Guanosine Derived N-Heterocyclic Carbenes: synthesis and applications*

13:05-14:20 Lunch

**Session 11** | Chairman: Miguel Santos (LAQV@REQUIMTE – Univ. NOVA de Lisboa - FCT, Portugal) | Auditorium

- 14:20 | **IL11** | A. Rita Duarte (LAQV@REQUIMTE – Univ. NOVA de Lisboa - FCT, Portugal)  
*Green chemistry and deep eutectic systems in life science applications*
- 14:45 | **OC28** | Micael Silva (UCBIO/REQUIMTE – Univ. NOVA de Lisboa - FCT, Portugal)  
*ILs as tunable modulators for protein stability*
- 15:00 | **OC29** | Eduarda Serra Morais (CICECO - University of Aveiro, Portugal)  
*Anti-inflammatory and antioxidant nanostructured cellulose membranes loaded with phenolic-based ionic liquids for cutaneous application*
- 15:15 | **OC30** | Sofia Domingos (iMed.Ulisboa - Faculty of Pharmacy, Portugal)  
*Novel chemical tools to explore Parkin activation*

15:30-16:05 Coffee Break

(Fórum Luísa Todi (@Foyer))

**Session 12** | Chairman: Carina Crucho (IST - University of Lisbon, Portugal) | Auditorium

16:05-16:30 EYCN - João Borges

15:30-16:45 NEQ/AAC - Márcia Campos

16:45-17:10 PYCA Award

17:10-17:25 Best Poster Award

17:25-17:45 Closing Ceremony

# Poster Communications

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**PC1|** *Thermodynamic Stability of Flavylum Salts as a Valuable Tool to Predict its Reactivity Against  $\pi$ -Nucleophiles*

Afonso Alejo Armijo

**PC2|** *Synthesis and characterization of pyridinechalcones*

Ambrosio Luis Gandala Camuenho

**PC3|** *One-pot Azaindole synthesis from substituted aminopyridines*

Ana Cristina da Costa Mortinho

**PC4|** *Preparation of copper-based chalcogenides by electrospinning technique*

Ana Cristina Gomes Ferreira

**PC5|** *From red wine to energy: Pyranoanthocyanins as light-harvesters in Dye-Sensitized Solar Cells*

Ana Lúcia Moreira Pinto

**PC6|** *Pectic Polysaccharides: from agro-food wastes towards advanced applications in food industry*

Ana Luísa Mosqueira Alves Pires Fernandes

**PC7|** *Metabolic adaptation of human osteoblasts to growth on non-poled and poled-PLLA films*

Ana Rira Araújo Silva

**PC8|** *Sustainable synthesis of heterocyclic compounds on a soluble polymer support*

Ana Sofia Brancos dos Santos

**PC9|** *Cytotoxic Impact of Platinum- and Palladium-based Drugs on MG-63 Cells*

Ana Sofia da Costa Martins

**PC10|** *Magnetic-responsive double layer cell sheets using internalizable magnetite nanoparticles: new prospects for bone regeneration*

Ana Sofia Matias da Silva

**PC11|** *Intriguing properties of a copper(I)-tin(II) ABX<sub>3</sub> type mixture*

André Miguel Lopes Seco

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