



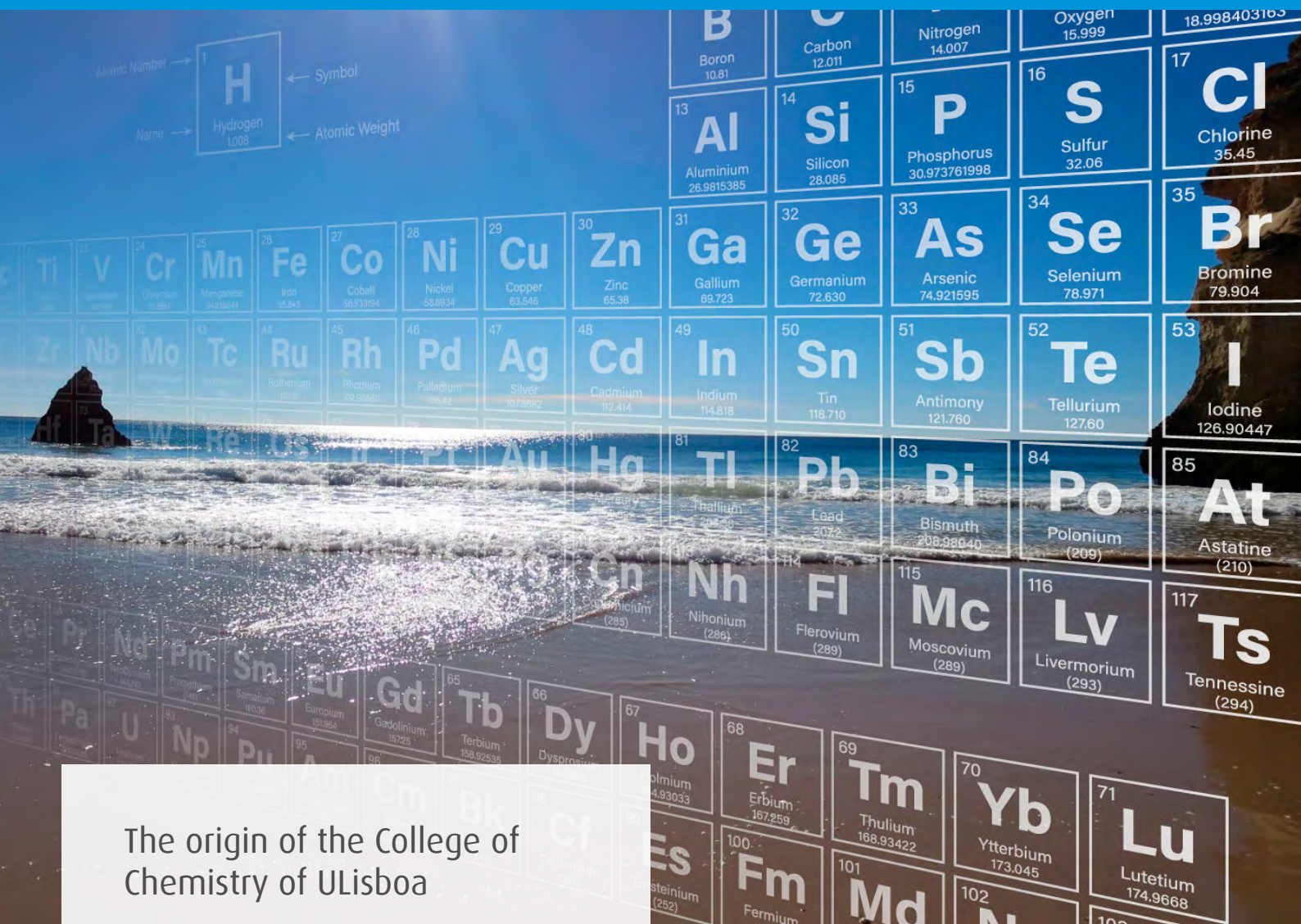
LISBOA

UNIVERSIDADE  
DE LISBOA



COLÉGIO  
de QUÍMICA

# NEWSLETTER



The origin of the College of  
Chemistry of ULisboa

3<sup>rd</sup> Meeting of the College  
of Chemistry – Chemistry  
at ULisboa & 2018 Summer  
School

Cooperation with Beijing  
University of Chemical  
Technology, China

College of Chemistry | april 2019

# EDITORIAL

This is the first number of the Newsletter of the College of Chemistry of the ULisboa which was created in October 2016.

The College congregates the members (academic and researcher staff) of the Schools of the ULisboa with activity in Chemistry, towards promotion of the cohesion and betterment of the use of human, material and technological resources of this University.

The Schools that integrate the CQUL are as follows: Faculdade de Ciências (FC), Faculdade de Farmácia (FF), Faculdade de Medicina (FM), Faculdade de Motricidade Humana (FMH), Instituto Superior de Agronomia (ISA) and Instituto Superior Técnico (IST).

The CQUL should promote:

(i) Chemistry in every aspect, including its inter-, multi- and transdisciplinarity (the latter with other sciences in which Chemistry plays an important role, e.g., Materials, Biological, Pharmacological, Medicinal, Agronomic, Environmental sciences),

(ii) the collaboration among the research groups,  
(iii) the collaboration with external institutions, including the industrial sector and other universities (national and foreign ones).

This first Newsletter issue includes a summary of the main activities undertaken by the College since its foundation.

We invite all the Members of the College to send any information they consider adequate to be included in the next issues of the Newsletter to Prof. M. Fátima Guedes da Silva ([fatima.guedes@tecnico.ulisboa.pt](mailto:fatima.guedes@tecnico.ulisboa.pt)).

April, 2019

Armando J. L. Pombeiro  
*President*  
*Colégio de Química da Universidade de Lisboa*

## The origin of the College of Chemistry of ULisboa

Upon a challenge launched by the Rector of the ULisboa concerning the creation of several Colleges, a Commission was appointed, through “Despacho Reitoral nº 11472/2015” of October 13<sup>th</sup>, 2015, in order to study this subject regarding the area of Chemistry, being composed by: Armando Pombeiro (IST), Francisco Lemos (IST), Mário Berberan e Santos (IST), Carlos Castro (FC), Maria José Calhorda (FC), Manuel Minas da Piedade (FC), Helena Pereira (ISA), Carlos Afonso (FF), Miguel Castanho (FM) and Cristina Bento (FMH). This Proponent Commission for the creation of the CQUL was coordinated by A. Pombeiro and, after positive evaluation of the proposal by the University Coordination Council and the Senate Standing Committee for Scientific Affairs, the Rector, Prof. António Cruz Serra, decided (“Despacho Reitoral nº 12081/2016” of October 10<sup>th</sup>, 2016) to create the College of Chemistry of ULisboa and nominated an Installation Commission (comprised by the same members listed above, except Miguel Castanho who was replaced by Nuno Santos) which drafted proposals for By-Laws, Plan of Activities (3 years) and list of potential members.



# EVENTS

## Presentation of the CQUL

The College was presented officially by the Coordinator of the Installation Commission, Armando Pombeiro, in a Presentation Session chaired by the Rector, Prof. António Cruz Serra, which was held at the Salão Nobre

of the Rectory of the ULisboa on October 27<sup>th</sup>, 2016. The objectives, strategies, proposed activities, structure and composition of the College were then presented. The session was enriched by a Rector's allocution.

## 1<sup>st</sup> General Assembly of the CQUL

It was held on April 17<sup>th</sup>, 2017, in the Salão Nobre of the Rectory of the ULisboa, and marked the end of the CQUL Installation Commission work. In this General Assembly, the proposal of the By-Laws (Regulamento and Regimento) elaborated by that Commission was approved and the members for the several

bodies were elected: Coordination Council; Divisions of Energy & Environment, Life & Health, Materials and Technology & Industry; Executive Committees for Research, for Pedagogical Affairs, for External Relations and for Communication & Image; and College General Assembly Table (detailed information on the composition of the governing bodies may be found at [colegiodequimica.ulisboa.pt](http://colegiodequimica.ulisboa.pt)).



## 1<sup>st</sup> Meeting of the College of Chemistry – A Química na Investigação da ULisboa

Held from July 20<sup>th</sup> to 21<sup>st</sup>, 2017 at Salão Nobre (Rectory of the ULisboa), aimed to researchers of ULisboa and it was attended by more than 200 people. The programme involved 4 plenary lecturers [José Bravo Ferreira (Secil), Jorge Moniz dos Santos (Resiquímica), Miguel Cabral (Corticeira Amorim) and Carlos Romão (Alfama)], 22 oral communications, 21 flash communications and 124 panel communications.

## 2<sup>nd</sup> Meeting of the College of Chemistry – UL Chemistry PhD Meeting

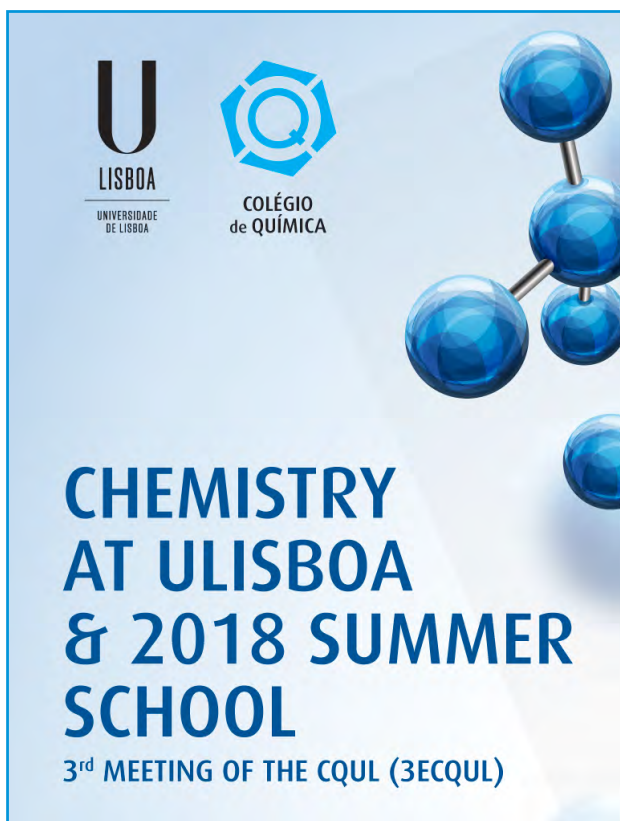
Held on December 4<sup>th</sup> and 5<sup>th</sup>, 2017, at Salão Nobre (Rectory of the ULisboa) and aimed to PhD students of ULisboa. The plenary lecturers included Giovanni Poli (Sorbonne Université), Michael Mingos (UOxford) and William Wakeham (Imperial College London). Of the 123 people registered, 14 oral and 19 flash communications were addressed as well as 27 posters. The event comprised an Alumni Session with contributions from Ana Neves (UExeter), Konstantin Luzyanin (ULiverpool), Manuel Melo (ITQB, FCT-UNL), Paulo Madeira (SAPEC) and Susana Nascimento (Hovione).

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de QUÍMICA**

**UL CHEMISTRY  
PhD MEETING**  
2<sup>nd</sup> Meeting of the CQUL (2ECQUL)

# EVENTS



**U LISBOA**  
UNIVERSIDADE DE LISBOA

**COLÉGIO de QUÍMICA**

**CHEMISTRY AT ULISBOA & 2018 SUMMER SCHOOL**

**3<sup>rd</sup> MEETING OF THE CQUL (3ECQUL)**

## 3<sup>rd</sup> Meeting of the College of Chemistry – Chemistry at ULisboa & 2018 Summer School

Held on June 27<sup>th</sup>-29<sup>th</sup>, 2018, and directed to students and researchers in Chemistry. The Meeting was honoured with several national and international speakers: Luís Oro (UZaragoza), Matthias Epple (UDuisburg-Essen), Anna Trzeciak (UWrocław) and Edward Tate (Imperial College London); Maria de Fátima Montemor (IST), Rudi Oliveira (Hovione), João Moura Bordado (IST), Manuel Minas da Piedade (FC), Cristina Freire (Innovcat), Carlos Henriques (IST), Ana Viana (FC), Eugénia Cardoso (Águas de Portugal), Carlos Afonso (FF), Maria de Jesus Perry (FF), Sofia Corte-Real (TechnoPhage) and Gonçalo Bernardes (UCambridge and FM). It also comprised 12 oral communications, 10 flash communications and 113 in panel from a total of 217 participants.

The 2018 Summer School was attended by 80 participants and lessons on entrepreneurship and relevant technological tools in Chemistry (such as NMR, MS, electron microscopy, bio-imaging and computational methods) were addressed by Pedro Vilarinho (HiSeedTech), Lifeng Liu (INL-Braga), Maria-Magdalena Titirici (Queen Mary ULondon), Konstantin Luzyanin (ULiverpool), Maria da Conceição Oliveira (IST), Isabel Nogueira (IST), José Rino (FM) and Rita Guedes (FF).



# ARTICLES

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## Cooperation with Beijing University of Chemical Technology, China

CQUL was invited to take part in the meeting of Rectory of the ULisboa with a delegation of the Beijing University of Chemical Technology, held on May 11<sup>th</sup>, 2018, that led to the signature of a Memorandum of Understanding between the two universities.

A delegation of CQUL, comprised by Armando Pombeiro, Mário Berberan Santos, Amélia Rauter, Jorge

Correia and José Canongia Lopes, visited the BUCT from December 2<sup>nd</sup> to 9<sup>th</sup>, 2018, aiming to establish future cooperation under the scope of the signed MoU.

Report of this visit may be found [here](#)

UCT invited Portuguese students to attend a Summer Camp, entitled "BUCT International Summer Camp for S&T Innovation", to be held between July 8<sup>th</sup> and 19<sup>th</sup>, 2019, being local expenses (accommodation and transports in China) covered by the Chinese university. The process of the selection/recruitment is under way, coordinated by the CQUL.

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## Contacts with industry in Portugal

During October 2018 there was a first approach to the Industry sector aimed to establish future partnerships. Thereby 150 companies that operate in the field of

Chemistry and related areas (Engineering, Materials, Environment, Energy, Health) were contacted and some positive outcomes were received. Joint meetings are under way.

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## Grants awarded

- Science & Technology Management (BGCT) to Nuno Pedro Alcântara Barreto Reis da Conceição;
- PhD (BD) to Marta de Jesus Oliveira Martins [supervisors: Helena Pereira (ISA) and Maria Amélia Lemos (IST)];

- Support to PhD (BAD) to Flávia Rosana Vieira Pinto [supervisors: Fernando Antunes (FC) and Moisés Pinto (IST)] and to João Pedro da Costa Nunes [supervisors: Alexandra Antunes (IST) and João Rodrigues (FM)].

## VADE-MECUM

Research on Chemistry  
in the ULisboa



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## Vade-mecum

Its preparation is under way, intending to collect information (human and material resources) on the research work developed in Chemistry in the several Schools of the ULisboa. 117 contributions were received from members of CQUL and coordinators of Research Units and/or Subunits of the ULisboa.

# ARTICLES

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## Interview with the President of the CQUL

“Colégio de Química da Universidade de Lisboa – Unir em nome da Química”, in *Jornal Público, Suplemento Perspetivas*, February 6th, 2019, pp. 16-18 (The PDF article can be found [here](#))



Armando Pombeiro, *President of the CQUL*

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## Initiatives sponsored by the CQUL

- “7<sup>th</sup> EuCheMS Conference on Nitrogen-Ligands” (September 4<sup>th</sup>-7<sup>th</sup>, 2018, FC), being the lecture addressed by Prof. Matti Haukka (University of Jyväskylä, Finland) named after the CQUL (Chair: Armando Pombeiro);

- “29<sup>th</sup> International Carbohydrate Symposium (ICS 2018)”, July 14<sup>th</sup>-19<sup>th</sup>, 2018, at FC (Chair: Amélia Rauter);

- “Chemistry and Biology CrossTalks”, January 25<sup>th</sup>, 2019, Academy of Sciences of Lisbon (Chair: Pedro Góis);

- Training Action on Electrochemical Techniques, aimed to teachers of High School, February 26<sup>th</sup>-28<sup>th</sup> and March 5<sup>th</sup>-7<sup>th</sup>, 2018, at ISEL (Trainers: Elisabete Alegria, Luísa M. Martins and Nelson Silva);

- Proposal for PhD Honoris Causa to be awarded to Prof. Vadim Kukushkin (State University of Saint-Petersburg, Russia), subscribed also by members of IST, FC, FF and Academy of Sciences of Lisbon, and approved by IST Scientific Council.

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## Conferences to be sponsored by the CQUL

- “1<sup>st</sup> International Conference on Noncovalent Interactions”, September 2<sup>nd</sup>-6<sup>th</sup>, 2019, Lisbon (Chairs: Kamran Mahmudov, Armando Pombeiro, Maximilian Kopylovich, M. Fátima C. Guedes da Silva).

<http://icni2019.eventos.chemistry.pt>

# CQUL in numbers...

Members enrolled in the Divisions: 227



Energy  
& Environment:  
97 members



Materials:  
115 members



Technology  
& Industry:  
85 members



Life  
& Health:  
127 members

Members enrolled in the College: 264  
from which:

Faculty of Sciences: 64 | Faculty of Pharmacy: 43 | Faculty of Medicine: 10  
Faculty of Human Kinetics: 02 | School of Agriculture: 13 | IST Técnico Lisboa: 128  
Faculty of Sciences + IST Técnico Lisboa: 01 | Other: 03

[colegiodequimica.ulisboa.pt](http://colegiodequimica.ulisboa.pt)

## NEWSLETTER COORDINATION:

- M. Fátima Guedes da Silva (President of the Executive Committee for Communication & Image, CQUL);
- Nuno Conceição (Science & Technology Manager, CQUL);
- Armando Pombeiro (President, CQUL).

