

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING
Schedule 2017 - 2018

| | |
|----------------------------------|--|
| Intensive Course/ 1 week courses | |
| Zero Course (CCCUAM) | |
| Evaluation | |
| Homework Deadline | |
| Holiday | |

SUBJECTS:

| <u>Code</u> | <u>Subject</u> | <u>Acronym</u> | <u>Coordinator</u> |
|-------------|---|----------------|------------------------|
| 32523 | Mathematical foundations of quantum mechanics | FMMC | Jesús González (UAM) |
| 32524 | Statistical mechanics and applications on simulations | MEAS | Elena Martín (UNEX) |
| 32525 | Symmetry in atoms, molecules and solids | SAMS | Pablo García (UNICAN) |
| 32526 | Computational techniques and numerical calculations | TC | Jon Mujika (EHU) |
| 32527 | Theoretical chemistry methods I | MQT I | Manuel Yáñez (UAM) |
| 32528 | Theoretical chemistry methods II | MQT II | Vicent Moliner (UJI) |
| 32529 | Deepening in methods of theoretical chemistry | PMQT | Marcos Mandado (UVIGO) |
| 30576 | Dynamics of the chemical reactions | DRQ | Ramón Sayós (UB) |
| 31246 | Excited states | EE | Jesús González (UAM) |
| 31248 | Solids | S | Antonio Márquez (US) |
| 32530 | Linux and Linux system managing | LIN | Alberto Luna (UAM) |
| 32531 | Applied theoretical chemistry laboratory | LQTA | |
| 32532 | Lasers | LA | Fernando Martín (UAM) |
| 32533 | Computational biochemistry | BC | Jaime Rubio (UB) |

FIRST SEMESTER

 WEEK FROM SEPTEMBER 25th TO 29th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 9:00 – 13:30 | LIN (Luna/P. Sanz-UAM) | LIN (Luna/P. Sanz-UAM) | LIN (Luna/P. Sanz-UAM) | LQTA | LQTA |
| 15:00 – 19:00 | TC (Palacios/C. Sanz-UAM) | TC (Palacios/C. Sanz-UAM) | TC (Palacios/C. Sanz-UAM) | TC (Palacios/C. Sanz-UAM) | TC (Palacios/C. Sanz-UAM) |

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING

 WEEK FROM OCTOBER 2nd TO 6th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|--------------------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| 9:00 – 13:30 | LIN (Luna/P. Sanz-UAM) | LIN (Luna/P. Sanz-UAM) | LIN (Luna/P. Sanz-UAM) | LIN (Luna/P. Sanz-UAM) | LIN (Luna/P. Sanz-UAM) |
| 12:00-14:00 | Inauguration of Masters in Sciences* | | | | |
| 15:00 – 18:00 | LQTA | LQTA | LQTA (Díaz-Tendero-UAM) | LQTA (Díaz-Tendero-UAM) | LQTA (Díaz-Tendero-UAM) |

*conference of the Science Faculty UAM

 WEEK FROM OCTOBER 9th TO 13th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|-----------------|-----------------|---------------------|-------------------------------|-----------------|
| 10:00 – 13:00 | LQTA (Díaz-UAM) | | LQTA (Díaz-UAM) | Holiday: Día de la Hispanidad | LQTA (Díaz-UAM) |
| 16:00 – 18:00 | | LQTA (Díaz-UAM) | FMMC (González-UAM) | | |

 WEEK FROM OCTOBER 16th TO 20th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|----------------------|---------------------|----------------------|---------------------|--------|
| 10:00 – 13:00 | LQTA (Corral-UAM) | LQTA (Corral-UAM) | LQTA (Corral-UAM) | | |
| 14:00 – 16:00 | SAMS (García-UNICAN) | | SAMS (García-UNICAN) | | |
| 15:00 – 17:00 | | FMMC (González-UAM) | | FMMC (González-UAM) | |
| 16:00 – 18:00 | MEAS | | MEAS | | |

 WEEK FROM OCTOBER 23th TO 27th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|----------------------|---------------------|----------------------|---------------------|--------|
| 14:00 – 16:00 | SAMS (García-UNICAN) | | SAMS (García-UNICAN) | FMMC (González-UAM) | |
| 15:00 – 17:00 | | FMMC (González-UAM) | | | |
| 16:00 – 18:00 | MEAS | | MEAS | MEAS | |

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING

 WEEK FROM OCTOBER 30th TO 3rd OF NOVEMBER

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|--------|--------------------------|-----------|--------------------------|--------|
| 14:00 – 16:00 | | SAMS (Aldegunde-USAL) | HOLIDAY | SAMS (Aldegunde-USAL) | |
| 16:00 – 18:00 | | MEAS (Martín-UNEX) | | | |

 WEEK FROM NOVEMBER 6th TO 10th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY* | FRIDAY** |
|---------------|--------------------------|-----------------------------|-----------------------------|-----------|----------|
| 14:00 – 16:00 | SAMS (Aldegunde-USAL) | | | HOLIDAY | HOLIDAY |
| 15:00 – 17:00 | | Sem. FMMC (González-UAM) | Sem. FMMC (González-UAM) | | |

 * November 9th holiday in Madrid

 ** November 10th non-school day at Science Faculty UAM

 WEEK FROM NOVEMBER 13th TO 17th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|-----------------------------|-----------------------|----------------------|-----------------------|--------|
| 14:00 – 16:00 | Sem. FMMC (González-UAM) | | | | |
| 15:00 – 17:00 | | FMMC (Paniagua-UB) | | FMMC (Paniagua-UB) | |
| 16:00 – 18:00 | MQT I (Yáñez-UAM) | | MQT I (Yáñez-UAM) | | |

 WEEK FROM NOVEMBER 20th TO 24th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|----------------------|-----------------------|----------------------|-----------------------|--------|
| 15:00 – 17:00 | | FMMC (Paniagua-UB) | | FMMC (Paniagua-UB) | |
| 16:00 – 18:00 | MQT I (Yáñez-UAM) | | MQT I (Yáñez-UAM) | | |

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING

 WEEK FROM NOVEMBER 27th TO DECEMBER 1st

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|----------------------|-----------------------|----------------------|-----------------------|--|
| 14:00 – 16:00 | TC (Alemany-UB) | | TC (Mujika-EHU) | | Deadline for Homework Linux UAM |
| 15:00 – 17:00 | | FMMC (Paniagua-UB) | | FMMC (Paniagua-UB) | |
| 16:00 – 18:00 | MQT I (Yáñez-UAM) | | MQT I (Yáñez-UAM) | | |

 WEEK FROM DECEMBER 4th TO 8th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|--------|---|---|----------|---|
| 16:00 – 18:00 | | Deadline for Homework LQTA UAM | Holiday: Constitución Española | | Holiday: Inmaculada Concepción |

 WEEK FROM DECEMBER 11th TO 15th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|----------------------|-----------------------|----------------------|-----------------------|---|
| 14:00 – 16:00 | TC (Alemany-UB) | | TC (Mujika-EHU) | | Deadline for Homework TC - Fortran |
| 15:00 – 17:00 | | FMMC (Paniagua-UB) | | FMMC (Paniagua-UB) | |
| 16:00 – 18:00 | MQT I (Yáñez-UAM) | | MQT I (Yáñez-UAM) | | |

 WEEK FROM DECEMBER 18th TO 22nd

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|------|--------|---------|-----------|----------|----------------|
| | | | | | HOLIDAY |

WEEK 2 - 6 OF JANUARY

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|------|----------------------------|---------|-----------|----------|--------|
| | Holidays: Christmas | | | | |

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING
**Intensive course – 2018
University of the Basque Country**

 WEEK FROM JANUARY 15th TO 19th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|----------------|----------------|----------------|----------------|----------------|
| 8:30 – 10:00 | MQT I (UAM) | FMMC (UAM) | FMMC (UAM) | FMMC (UAM) | FMMC (UAM) |
| 10:15 – 11:45 | MQT I (UAM) | MQT I (UAM) | MQT I (UAM) | MQT I (UAM) | FMMC (UAM) |
| 12:00 – 13:30 | FMMC (UB) | FMMC (UB) | FMMC (UB) | FMMC (UB) | FMMC (UB) |
| 13:30 – 15:00 | LUNCH TIME | | | | |
| 15:00 – 17:00 | TC (UB/EHU) | TC (UB/EHU) | TC (UB/EHU) | TC (UB/EHU) | TC (UB/EHU) |
| 17:30 – 19:30 | MEAS | MEAS | MEAS | MEAS | MEAS |

 WEEK FROM JANUARY 22nd TO 26th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY* |
|---------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 9:00 – 11:00 | PMQT (UNIOVI) | PMQT (UNIOVI) | PMQT (UNIOVI) | PMQT (UNIOVI) | PMQT (UNIOVI) |
| 11:30 – 13:30 | SAMS | SAMS | SAMS | SAMS | SAMS |
| 13:30 – 15:00 | LUNCH TIME | | | | |
| 15:00 – 17:00 | MEAS (Pract) (USC) | MEAS (Pract) (USC) | MEAS (Pract) (USC) | MEAS (Pract) (USC) | MEAS (Pract) (USC) |
| 17:30 – 19:30 | MQT I (UVA) | MQT I (UVA) | MQT I (UVA) | MQT I (UVA) | MQT I (UVA) |

 * January 26th non-school day at UAM (St Thomas' day)

 WEEK FROM JANUARY 29th TO FEBRUARY 2nd

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 9:00 – 11:00 | PMQT (UVIGO) | PMQT (UVIGO) | PMQT (UVIGO) | PMQT (UVIGO) | PMQT (UVIGO) |
| 11:30 – 13:30 | SAMS (UNICAN) | SAMS (UNICAN) | SAMS-Pract (UNICAN) | SAMS-Pract (UNICAN) | SAMS-Pract (UNICAN) |
| 13:30 – 15:00 | LUNCH TIME | | | | |
| 15:00 – 16:30 | MQT II (UV) | MQT II (UV) | MQT II (UV) | MQT II (UV) | MQT II (UV) |
| 16:45 – 18:15 | MQT II (UJI) | MQT II (UJI) | MQT II (UJI) | MQT II (UJI) | MQT II (UJI) |
| 18:30 – 20:00 | MQT II (Pract) (UV/UJI) | MQT II (Pract) (UV/UJI) | MQT II (Pract) (UV/UJI) | MQT II (Pract) (UV/UJI) | MQT II (Pract) (UV/UJI) |

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING
SECOND SEMESTER

 WEEK FROM FEBRUARY 12th TO 16th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|---------------------|--------------------|---------------------|--------------------|--------|
| 10:00 – 12:00 | MQTII (Tuñón-UV) | PMQT (Mori-UAM) | MQTII (Tuñón-UV) | PMQT (Mori-UAM) | |

 WEEK FROM FEBRUARY 19th TO 23rd

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|-------------------------|--------------------|-------------------------|--------------------|--------|
| 10:00 – 12:00 | MQT II (Moliner-UJI) | PMQT (Mori-UAM) | MQT II (Moliner-UJI) | PMQT (Mori-UAM) | |

 WEEK FROM FEBRUARY 26th TO MARCH 2nd

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|--------------------|--------------------|-----------|--------------------|--------|
| 10:00 – 12:00 | MQT II (UV/UJI) | PMQT (Mori-UAM) | | PMQT (Mori-UAM) | |

 WEEK FROM MARCH 5th TO 9th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|--------|---------------------------|-----------|----------|-------------------------------------|
| 10:00 – 12:00 | | PMQT (Menéndez-UNIOVI) | | | Deadline homework 1st WEEK IC |

 WEEK FROM MARCH 12th TO 16th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|------|--------|---------|-----------|----------|--------|
| | | | | | |

 WEEK FROM MARCH 19th TO 23rd

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|------|--------|---------|-----------|----------|--------|
| | | | | | |

 WEEK FROM MARCH 26th TO 30th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|------|-------------------|---------|-----------|----------|--------|
| | Holidays: Eastern | | | | |

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING

 WEEK FROM APRIL 2nd TO 6th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|------|---------|---------|-----------|----------|-------------------------------|
| | HOLIDAY | | | | Deadline homework 2nd WEEK IC |

Dynamics of the Chemical Reactions – ZCAM (Zaragoza)

 WEEK FROM APRIL 9th TO 13th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------|--------|---------|-----------|----------|-----------------------------|
| 9:00 – 11:00 | Theo-1 | Theo-2 | Theo-3 | Theo-5 | Theo-7 |
| 11:30 – 13:30 | Theo-1 | Theo-2 | Prac-3 | Prac-5 | Prac-7 |
| 15:00 – 17:00 | Prac-1 | Prac-2 | Theo-4 | Theo-6 | Final test (13:30-14:30) |
| 17:30 – 19:30 | Prac-1 | Prac-2 | Prac-4 | Prac-6 | |

Computational Biochemistry – ZCAM (Zaragoza)

 WEEK FROM APRIL 16th TO 20th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|-------|--------|---------|-----------|----------|--------|
| 9:00 | BC | BC | BC | BC | BC |
| 12:00 | BC | BC | BC | BC | BC |
| 16:00 | BC | BC | BC | BC | BC |
| 19:00 | BC | BC | BC | BC | BC |

 WEEK FROM APRIL 23rd TO 27th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|------|--------|---------|-----------|----------|-------------------------|
| | | | | | Exam FMCC (second part) |

 WEEK FROM APRIL 30th TO MAY 4th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|------|--------|---------|-------------------|----------|-------------------------------|
| | | HOLIDAY | HOLIDAY in Madrid | | Deadline homework 3rd WEEK IC |

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING

Solid State - ZCAM (Zaragoza)

 WEEK FROM MAY 7th TO 11th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY* |
|-------|--------|---------|-----------|----------|---------|
| 9:00 | S | S | S | S | S |
| 12:00 | S | S | S | S | S |
| 16:00 | S | S | S | S | |
| 19:00 | S | S | S | S | |

* On Friday lessons finish at 13.30 h.

Excited States – ZCAM (Zaragoza)

 WEEK FROM MAY 14th TO 18th

| TIME | MONDAY | TUESDAY* | WEDNESDAY | THURSDAY | FRIDAY |
|-------|--------|----------|-----------|----------|--------|
| 9:00 | EE | EE | EE | EE | EE |
| 12:30 | EE | EE | EE | EE | EE |
| 15:30 | EE | EE | EE | EE | EE |
| 17:00 | EE | EE | EE | EE | EE |

 * May 15th holiday in Comunidad de Madrid (St Isidro's day)

 WEEK FROM MAY 20th TO 25th

| TIME | SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|------|---------------------------|--------|---------|--------------------------|---|------------|
| | Deadline homework for DRQ | | | Deadline homework for BC | Deadline homework for electives courses | Exam MQTII |

Lasers - ZCAM (Zaragoza)

 WEEK FROM MAY 21st TO 25th

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|-------|--------|---------|-----------|----------|--------|
| 9:00 | LA | LA | LA | LA | LA |
| 12:00 | LA | LA | LA | LA | LA |
| 16:00 | LA | LA | LA | LA | LA |
| 19:00 | LA | LA | LA | LA | LA |

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING

WEEK FROM MAY 28th TO JUNE 1st

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|------|--------|---------|-----------|----------|--------|
| | | | | | |

Deadline for final marks submission: June 6th, 2018**Special Assessment****Deadline for final marks submission: July 6th, 2018**

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING

Deadlines for homework and exam

The following deadlines are tentative. The final dates will be given by the professor of the subject.

Mathematical foundations of quantum mechanics (FMMC)

Deadline for Homework (the whole subject): 9 MARCH

Exam of the second part (Juan C. Paniagua): 27 APRIL

Theoretical chemistry methods I (MQT I)

Deadline for Homework - Manuel Yáñez: 9 MARCH

Deadline for Homework - Víctor Rayón: 6 APRIL

Theoretical chemistry methods II (MQT II)

Deadline for Homework: 4 MAY

Exam: 25 MAY

Symmetry in atoms, molecules and solids (SAMS)

Deadline for Homework – Pere Alemany: 6 APRIL

Deadline for Homework – Pablo García: 4 MAY

Computational techniques and numerical calculations (TC)

Deadline for Homework – First part (FORTRAN): 15 DECEMBER

Deadline for Homework - Second part (Numerical Calculations): 9 MARCH

Statistical mechanics and applications on simulations (MEAS)

Deadline for Homework – UNEX: 9 MARCH

Deadline for Homework - Applications in simulations: 6 APRIL

Electives Courses***Dynamics of the chemical reactions (DRQ)***

Deadline for Homework: 20 MAY

Excited states (EE)

Deadline for Homework: 24 MAY

Test at the end of the ZCAM week

Solids (S)

Deadline for Homework: 24 MAY

Test at the end of the ZCAM week

Deepening of methods of theoretical chemistry (PMQT)

Deadline for Homework: 4 MAY

Computational biochemistry (BC)

Deadline for Homework: 23 MAY

Test at the end of the ZCAM week

Applied theoretical chemistry laboratory (LQTA)

Deadline for Homework (UAM): 5 DECEMBER

Linux and Linux system managing (LIN)

Deadline for Homework: 1 DECEMBER

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING

| Professors involved | | |
|--|----------------------|--|
| Subject | Professor | e-mail address |
| Mathematical foundations of quantum mechanics | Jesús González | jesus.gonzalezv@uam.es |
| | Juan Carlos Paniagua | jpaniagua@ub.edu |
| Statistical mechanics and applications on simulations | Elena Martín | memartin@unex.es |
| | Saulo Vázquez | saulo.vazquez@usc.es |
| | José Carlos Corchado | corchado@unex.es |
| Symmetry in atoms, molecules and solids | Pablo García | garciapa@uncan.es |
| | Jesús Aldegunde | jalde@usal.es |
| Computational techniques and numerical calculations | Jon Mujika | ioni.mujika@ehu.es |
| | Alicia Palacios | alicia.palacios@uam.es |
| | Cristina Sanz | cristina.sanz@uam.es |
| | Pere Alemany | p.alemany@ub.edu |
| Theoretical chemistry methods I | Manuel Yáñez | manuel.yanez@uam.es |
| | Víctor M. Rayón | victormanuel.rayon@uva.es |
| Theoretical chemistry methods II | Vicent Moliner | moliner@uji.es |
| | Iñaki Tuñón Ibáñez | ignacio.tunon@uv.es |
| Deepening in methods of theoretical chemistry | Marcos Mandado | mandado@uvigo.es |
| | Isabel Menéndez | isabel@uniovi.es |
| | Paula Mori | paula.mori@uam.es |
| Dynamics of the chemical reactions | Ramón Sayós | r.sayos@ub.edu |
| | Pablo Gamallo | gamallo@ub.edu |
| | Susana Gómez | susana.gomez@usal.es |
| | Xavier Giménez | xgimenez@ub.edu |
| | Fermín Huarte | fermin.huarte@ub.edu |
| | Rodrigo Martínez | rodrigo.martinez@unirioja.es |
| Excited states | Jesús González | jesus.gonzalezv@uam.es |
| | Adolfo Bastida | bastida@um.es |
| | Alberto Castro | acastro@bifi.es |
| | Daniel Roca | daniel.roca@uv.es |
| Solids | Antonio Márquez | marquez@us.es |
| | Pablo García | garciapa@uncan.es |
| | Cristina Díaz | cristina.diaz@uam.es |
| | Julia Contreras | julia.contreras.garcia@gmail.com |
| | Coen de Graaf | coen.degraaf@urv.cat |
| Linux and Linux system managing- UAM | Alberto Luna | alberto.luna@uam.es |
| | Pablo Sanz | pablo.sanz@uam.es |
| Applied theoretical chemistry laboratory | Inés Corral | ines.corral@uam.es |
| | Cristina Díaz | cristina.diaz@uam.es |
| | Sergio Díaz-Tendero | sergio.diaztendero@uam.es |
| | Etienne Plesiat | etienne.plesiat@uam.es |
| | Ana Martín Sómer | ana.somer@uam.es |
| Lasers | Fernando Martín | fernando.martin@uam.es |
| Computational biochemistry | Jaime Rubio | jaime.rubio@ub.edu |
| | Victor Guallar | victor.guallar@bsc.es |
| | Carles Curutchet | carles.curutchet@ub.edu |
| | Rodrigo Casasnovas | rodrigo.casasnovas@uib.es |