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INFORMACIÓN GENERAL

→ Hasta el 12 de junio de 2015

Santander

Campus de Las Llamas
Avda. de los Castros, 42
39005 Santander
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Fax 942 29 87 27
informacion@sa.uimp.es

Madrid

C/ Isaac Peral, 23
28040 Madrid
Tel. 91 592 06 31 / 91 592 06 33
Fax 91 592 06 40 / 91 543 08 97
alumnos@uimp.es

Horario

de 9:00 a 14:00 h
de 16:00 a 18:00 h (excepto viernes)

PLAZOS

→ Plazo de solicitud de becas

Hasta el día 18 de mayo, para los cursos que comiencen antes del 17 de julio de 2015

Hasta el día 15 de junio, para los cursos que comiencen a partir del día 20 de julio de 2015

→ A partir del 15 de junio de 2015

Santander

Palacio de la Magdalena
39005 Santander
Tel. 942 29 88 00 / 942 29 88 10
Fax 942 29 88 20

Horario

de 9:00 a 14:00 h
de 15:30 a 18:00 h (excepto viernes)

→ Apertura de matrícula

Desde el 8 de abril de 2015
(Plazas limitadas)



UIMP

Universidad Internacional
Menéndez Pelayo

Santander 2015

**XIII INTERNATIONAL SCHOOL
OF ASTROBIOLOGY**

«JOSEP COMAS I SOLÀ»

**The Origin of Life.
From Monomers to Cells**

**Javier Gómez-Elvira
Victoria Meadows**

 @cursosUIMP
 fb.com/uimp20

Transporte oficial



→ Código 62HY | Tarifa: A | ECTS: 1

Santander
June 29-July 3, 2015

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Sponsors



XIII INTERNATIONAL SCHOOL OF ASTROBIOLOGY

«JOSEP COMAS I SOLÀ»

The Origin of Life. From Monomers to Cells

Dirección

Javier Gómez-Elvira

Centro de Astrobiología CSIC-INTA, Spain

Victoria Meadows

University of Washington

Organization

Olga Prieto Ballesteros

Centro de Astrobiología CSIC-INTA, Spain

June 29-July 3, 2015

Monday 29

10:00 h | Welcome

Javier Gómez-Elvira

Victoria Meadows

11:30 h | Meteorites, comets and the origin of life

George Cody

Carnegie Institution of Washington

15:30 h | Origin of life: physical, geological and chemical characteristics

John Baross

Washington University

16:30 h | Project development and assignment

Tuesday 30

10:00 h | Prebiotic chemistry on the primitive Earth

George Cody

12:00 h | From amphiphile molecules to replicating vesicles

Pierre-Alain Monnard

University of Southern Denmark

15:30 h | The evolution of metabolic pathways

Juli Peretó

University of Valencia

Wednesday 1

10:00 h | Origin and evolution of the RNA world

Pierre-Alain Monnard

12:00 h | Minimal genomes and the Last Universal Common Ancestor

Juli Peretó

15:30 h | SEA OBSERVATION

Thursday 2

08:00 h | EXCURSION

Visit to Zumaia Flysh: 50 Myears of Earth evolution

17:30 h | PUBLIC LECTURE

En busca de los orígenes de la vida

Carlos Briones

Centro de Astrobiología CSIC-INTA, Spain

Friday 3

10:00 h | Origin of life environments, biochemical and microbial characteristics

John Baross

12:00 h | Working groups discussion

13:15 h | Synthesis, diplomas and fairwell

Javier Gómez-Elvira

Victoria Meadows

The school will provide an interdisciplinary examination of the chemical, physical and geological processes that are required to develop cellular life, and discuss the different environmental settings that would support these processes. Topics covered will include an introductory overview of origin of life research and future directions, planetary environments for life's origin, abiological synthesis of small molecules relevant to life, the synthesis of biopolymers, the RNA world, and the development of protocells and the first cells.