The International Workshop on Higher Education (IWHE) returns to UVic-UCC over the period 9 – 12 June 2015. The aim of the IWHE is to promote partnerships with other academic and research centres around the world.

The inaugural lecture, entitled *The university in the changing world: global trends, higher education and strategic direction*, to be given by Dr Colin Fudge, President of RMIT Europe and Vice President of RMIT University, will be held on Tuesday 9 June at noon in the Segimon Serrallonga Hall.

In this 5th year, the IWHE has introduced new activities such as research conferences, with symposia for discussion of research carried out at UVic-UCC and at partner institutions to enhance the international dimension of our research. In addition, the IWHE will include training workshops on international educational projects.

The IWHE is of interest to researchers, doctoral students, university staff and leaders of public service and private organisations.

The UVic-UCC International Workshop on Higher Education is sponsored by “la Caixa” Foundation Welfare Projects.
**Tuesday 9 June**

**Segimon Serrallonga Hall**
12.00 - 14.00

**Inaugural lecture**

*The University in the changing world: global trends, higher education and strategic direction*

Professor Colin Fudge, President of the RMIT Europe and Vice President of the RMIT University.

**Internationalisation**

**Room F101**

15.00 - 17.00 **Workshop**

*Making internationalisation work on campus*

Dr Bernd Waekter, Director of the Academic Cooperation Association.

**Cultural activities**

*Exhibition of 20th-century women illustrators*  
*Espai Josep Vernis*

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**Wednesday 10 June**

**Internationalisation**

**Room F102**

9.00 - 10.45 **Workshop**

*Internationalizing the curriculum and language perspectives: challenges, risks, and experiences*

Dr Bob Wilkinson, Emeritus researcher and lecturer, Maastricht University (The Netherlands).

**Room F103**

17.00 – 18.30 **Workshop**

*Trends and best practices in university*

Dr Ebba Ossiannilsson, EDEN Fellow, e-learning expert.

**Research conference**

**Communication and society**

**Room F101**

15.30 - 17.00 **Workshop**

*Matter strikes back II: Objects that enquire*

Moderator: Dr Arnau Castells, Lecturer in Visual Communication, UVic-UCC.

Dr Olga Goriunova, Centre for Interdisciplinary Methodologies, University of Warwick, Coventry (UK); Dr Amparo Lasén, lecturer in sociology, Complutense University of Madrid; Dr Jaron Rowan, researcher and cultural agitator, Arts Area coordinator, Bau Design College of Barcelona.

**Schools and their context**

**Room F102**

11.30 - 13.30 **Workshop**

*Assessment of oral skills in Catalan: Challenges and perspectives*

Dr David Block, researcher, ICREA/UdL; Dr Llorenç Comajoan, researcher, GRELL research group, UVic-UCC.

15.00 – 17.00 **Symposium**

*ARMIF 2014 research projects. Five educational projects in teacher training*

Dr José Ramón Lago, researcher, GRAD, UVic-UCC; Dr Marta Marimon, researcher, GRAC, UVic-UCC; Dr Eduard Ramirez, researcher, GREF, UVic-UCC; Dr Anna Vallbona, researcher, GRELL, UVic-UCC; Dr Antoni Tort, researcher, GREUV, UVic-UCC.
From communicative competence to multimodal competence: A personal academic journey
Dr David Block. Researcher, ICREA/UdL.

Mechatronics, robotics and materials
Room F103
9.00 - 12.30 Symposium
Robots and mechatronics systems
9.00 - 10.00
Modern education in the age of industry 4.0.
Mr Thomas Frei, mechanical engineer, ITQ GmbH (Munich); Mr Joan Josep Mauri, mechatronics student; Mr Guiu Riera, electronics engineer and Master in Apps & Games; Mr Carles Sala, mechatronics student.

10.00 - 10.20
STEM solution for Catalan education
Mr Marc Genavat, Ms Anna Sanchis. Mechatronics students.

10.20 - 10.45
Study and design of architectures and interconnection protocols to cloud for access control services
Mr Marc Mundó. Electronics and telecommunications engineer, doctoral student UVic-UCC.

11.30 - 12.30
Worker-robot interaction. Control system using ROS-Industrial and 3D systems
Mr Daniel Martin, mechatronics engineer, I+D+i Project Manager, ASCAMM; Mr Gerard Masferrer, electronics and telecommunications engineer, doctoral student, UVic-UCC.

Sport
Room F105
9.00 - 9.30 Presentation
Performance analysis in sport. New trends and opportunities
Dr Javier Peña. CESPAS director, SPARG researcher, UVic-UCC.

9.30 - 10.15 Lecture
New challenges of research in sport marketing
Dr José Antonio Martínez. Merchandising and market research, Department of Business Economics, Faculty of Business Science, Polytechnic University of Cartagena.

10.15 - 11.00 Lecture
Performance analysis in soccer
Dr Carlos Lago-Peñas. Hi20 research group, University of Vigo.

11.30 - 14.00 Round table
The performance analysis phenomenon
Dr José Antonio Matínez, Polytechnic University of Cartagena; Dr Carlos Lago-Peñas, University of Vigo; Mr Martí Casals, Ciberesp - UIC; Mr Roger Almazán and Mr Axel Andrés, Football Speech podcast. Moderator: Dr Javier Peña, CESPAS director, UVic-UCC.

15.00 – 16.30 Lecture
Introducing conditions of complexity in the context of Scottish physical education
Dr Mike Jess. Senior lecturer in physical education, co-deputy of the Institute and director of the Developmental Physical Education Group, University of Edinburgh (UK).

16.30 - 17.00 Presentation
Sport and decision-making in prisons. Pilot study.
Ms Roser Carbonell. Doctoral student, UVic-UCC.

Health promotion, integral care and social inclusion
Room F310
9.00 -10.45 Lecture
Virtual reality and executive functions in everyday life among people with central nervous system deficits
Dr Naomi Josman. Occupational therapist, University of Haifa (Israel).

11.30 - 13.30 Working session
Relationships between cognition and functionality: Evaluation and rehabilitation
Dr Naomi Josman, occupational therapist, University of Haifa (Israel); Ms Jéssica Garrido, occupational therapist, University School of Nursing and Occupational Therapy of Terrassa; Dr Maria Jesús Funes, neuropsychologist, University of Granada; Ms Tamara García Morán, occupational therapist, University of Granada.
Health promotion, integral care and social inclusion
Room F310
15.00 - 17.00 Round table
Toward an interdisciplinary understanding of the commons: Food production, traditional knowledge, caregiving and digital goods
Dr Sandra Ezquerra, researcher, SoPCI research group, UVic-UCC; Dr Marta Rivera, researcher, SoPCI research group, UVic-UCC; Mr Wouter Tebbens, co-founder and President of Free Knowledge Institute, Amsterdam (The Netherlands); Dr Feliu López, Faculty of Science and Technology, UVic-UCC.

For all participants
Espai Josep Vernis
10.45 - 11.30 Coffee break and research posters

Cultural activities
“Ruta literària pel Vic històric”
(Guided tour of Vic sites with literary connections)
Dr Llorenç Soldevila. Lecturer, UVic-UCC.
The tour will be conducted in Catalan. Start: 18.00. Meeting point: entrance to the Torre dels Frares building.
Registration:
http://mon.uvic.cat/international-workshop/registration

Exhibition of 20th-century women illustrators
Espai Josep Vernis

Thursday 11 June

Cultural heritage and place
Room F101
9.00 - 10.45 Lecture
Literary cartographies of the Costa Brava in English narrative
Dr Joan Masnou. Researcher, TEXLICO research group, UVic-UCC.
11.30 - 12.30 Lecture
The place (lessness) of translation
Dr David Johnston. Professor of Hispanic studies, Queen’s University, Belfast (UK).

Espai Josep Vernis
12.30-13.30 Exhibition presentation
20th-century women illustrators
Dr Teresa Julio. Researcher, GETLIHC research group, UVic-UCC.
15.00 - 17.00 Workshop
Literary heritage
The origins of the “Renaixença” in Vic (old literary heritage)
Mr Pol Serrabassa. Doctoral student, TEXLICO / Catedra Verdaguer, UVic-UCC.
M. Àngels Anglada (literary heritage today)
Ms Mireia Munmany. Doctoral student, GETLIHC, UVic-UCC.
Literary branding: one hundred years of the Verdaguer brand (construction of tomorrow’s literary heritage)
Mr Ricard Giramé. Doctoral student, TEXLICO / TRACTE, UVic-UCC.

Translational bioinformatics
Room F102
09.00 - 13.30 Workshop
Biomedical data integration and modelling in translational research
09.00 - 09.05 Presentation
Dr Maria Luz Calle. Researcher, BEM research group, Systems Biology Department, UVic-UCC.
9.05 - 9.40 Multi-omics: methodologies, challenges and a few examples
Dr David Gomez-Cabrero. Unit of Computational Medicine, Center for Molecular Medicine, Solna, Karolinska Institutet (Sweden).
9.40 - 10.00
**Human immune-data informed HIV T cell immunogens. Rational design of novel HIV vaccines**
Dr Beatriz Mothe Pujadas. Researcher, IrsiCaixa and Chair in AIDS and related diseases, UVic-UCC.

10.00 - 10.20
**Characterization of chromatin-bound IkBa**
Dr Joan Bertran. Researcher, BEM research group, UVic-UCC.

10.20 - 11.40
**Gut Microbiome in VIH infection**
Dr Marc Noguera. Researcher, IrsiCaixa and Chair in AIDS and related diseases, UVic-UCC.

11.30 - 14.00
**Seminar**
*Making sense out of complexity: Data exploration and integration approaches through network analysis*
Dr David Gomez-Cabrero. Unit of Computational Medicine, Center for Molecular Medicine, Solna, Karolinska Institutet (Sweden).

15.30 - 16.10
**Knowledge extraction from data mining models for the analysis of omics data**
Dr Jaume Bacardit. Computing Science, University of Newcastle (UK).

16.10 - 16.30
**Molecular modelling of membrane proteins**
Dr Mireia Olivella. Researcher, BEM research group, UVic-UCC.

16.30 - 16.50
**Flow cytometry: a new source of complex datasets**
Dr Julià Blanco. Researcher, IrsiCaixa and Chair in AIDS and related diseases, UVic-UCC.

16.50 – 17.10 **Lecture**
*Search for drugs to reduce myocardial infarction*
Dr Luís Agulló. Researcher, BEM research group, UVic-UCC.

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**Health promotion, integral care and social inclusion**
Room F103

9:00 -10.45 **Lecture and discussion**
*Simulation-based learning: the results of two years of the NESTLED project*
Dr Jaana-Maija Koivisto. Senior lecturer, Helsinki Metropolia University of Applied Sciences (Finland).

15.00 – 17.00 **Workshop**
*Simulation-based learning: debriefing and competence assessment*
Dr Jaana-Maija Koivisto. Senior lecturer, Helsinki Metropolia University of Applied Sciences (Finland).

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**Communication and Society**
Room F103

11.30 - 12.30 **Workshop**
*Political advertising. Presentation of a global archive (1989-2008)*
Jorge Luis Marzo, historian, art curator, writer, teacher and researcher, Design & Social Transformation research group (GREDITS), Bau Design College of Barcelona; Dr Arturo Fito, artist and associate lecturer, Department of Arts and Technology, Faculty of Arts, Universidad del País Vasco; Dr Xavier Ginesta, journalist and associate lecturer, UVic-UCC.

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**Schools and their context**
Room F105

11.30 - 12.30 **Research presentation**
*Two ongoing research projects on teaching science and mathematics in schools*
Doctoral students, CODI research group, UVic-UCC.

12.30 - 13.30 **Round table**
*Comparing online and face-to-face oral interaction in foreign language classrooms*
Dr Lucrècia Keim, Dr Gemma Delgar, Dr Sarah Khan, Dr Àngels Pinyana, Mr Àngel Tortadés. Researchers, GRAC research group, UVic-UCC.

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**Business and economics**
Room F310

09.00 – 13.30 **Symposium**
*CSR / Social Innovation*

9.00 - 10.45 **Incidence of gender and financial indicators for CSR**
Dr Anna Sabata and Dr Núria Arimany. Researchers, EMPREN research group, UVic-UCC.

11.30 - 12.30 **CSR in Aqualogy**
Mr Ramon López, innovation manager, Aqualogy; Mr Carlos Humberto Hurtado, industrial doctorate student, Aqualogy-UVic-UCC.

12.30 - 13.30 **CSR as a business strategy?**
Mr Josep Maria Canyelles. Expert on CSR, developer of "Responsabilitat Global".
15.00 - 17.00
*How cognitive disinhibition contributes to creativity*
Dr Shelley Carson. Psychology Department, Harvard University (USA).

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**The food industry and the environment**
**ROOM F206**

9.00 - 13.30 **Workshop**

Aquatic ecology
Moderator: Dr Sandra Brucet. Researcher, BETA research group, UVic-UCC.

9.00 - 9.10 **Welcome and presentation of the BETA Technology Centre**
Dr Sergio Ponsá. Director of the BETA Technology Centre, UVic-UCC.

9.10 - 9.20 **Presentation of the Aquatic Ecology group**
Dr Sandra Brucet. Researcher, BETA research group, UVic-UCC.

9.20 - 10.00
*Lessons learned from long-term monitoring of lake fish communities and populations*
Dr Kerstin Holmgren. Researcher, Large Lakes Unit, Swedish University of Agricultural Sciences (Sweden).

10.00 - 10.25
*Invasive fish, ecology and conservation in high mountain lakes of the Pyrenees*
Dr Marc Ventura. Ramon y Cajal researcher, CEAB.

10.25 - 10.50
*Size-based trophic cascades in aquatic communities*
Dr Xavier Quintana. Researcher, Aquatic Ecology research group, UdG.

11.30 - 11.55
*Quantify the responses of ecosystems and society in a world increasingly rich in N and C but limited in phosphorus (Synergy grant)*
Dr Mireia Bartons. Junior associate researcher, CREAf.

11.55 - 12.20
*Impact of nutrient and water level changes on submerged macrophytes along a latitudinal gradient: pan-European mesocosm experiments*
Mr Zeynep Ersoy. Doctoral student, Middle East Technical University / UVic-UCC.

12.20 - 12.45
*Freshwater salinization: testing sub-lethal effects of increased salinity on stream organisms*
Dr Miguel Cañedo. Postdoctoral student, UVic-UCC.

12.45 - 13.30 **Networking session**

15.00 - 17.30 **Workshop**

Terrestrial ecology
Moderator: Dr Carme Casas. Researcher, BETA research group, UVic-UCC.

15.00 - 15.15 **Welcome and presentation of the biodiversity and land ecology area**
Dr Carme Casas. Researcher, BETA research Group, UVic-UCC.

15.15 - 15.30
*Rural landscape changes and their effects on vegetation*
Mr Albert Palou. Doctoral student, UVic-UCC.

15.30 - 16.00
*Using vegetation data for understanding biodiversity patterns*
Dr Borja Jiménez-Álvaro. Postdoctoral student, Masaryk University (Czech Republic).

16.00 - 16.30
*Grassland-forest transition in the Mediterranean: extinction debts, colonization credits and species replacements*
Dr Joan Pino. Deputy director, CREAf.

16.30 - 17.00
*Plant systematics and conservation, entangled disciplines, common future*
Dr Javier López. Associate lecturer, UAB.

17.00 - 17.30 **Networking session**

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**Mechatronics, robotics and materials**
**ROOM F302**

9.00 - 13.30 **Workshop**

Games 4All

9.00 **Welcome**
Dr Ramon Reig-Bolaño. Head of Engineering, UST, UVic-UCC; Marc de San Pedro, coordinator of the Chair in ICT and Healthcare, UVic-UCC.

9.10 - 9.25 **Opening lecture**

Gamification: using the power of games to give a positive impact
Dr Simon McCallum. Gjøvik University College (Norway).
9.25 - 9.45 **Keynote lecture**  
*Games and gamification to enhance engagement in healthcare*  
Dr Pamela M. Kato, Director of research, SGI Serious Games Institute, Coventry University (UK).

9.45 - 10.00 **Host conference**  
*The mHealth.cat mobility plan*  
Marc de San Pedro, coordinator of the Chair in ICT and Healthcare, UVic-UCC.

10.00 – 10:45 **R&D case studies**  
**Europlay Project**  
Dr Ruthy Acosta, Associate researcher, Hospital Sant Joan de Déu / Hospital Clínic; Managing Director, Health Growth S.L.

**Games for Learning**  
Dr Josep M. Serra, Laboratory of Neuropsychology, UB.

**Epidemia, the game**  
Dr Victor Vallès, Researcher, IrsiCaixa and UVic-UCC Chair in AIDS and related diseases.

**Active-u: playing to stimulate your brain**  
Dr Maite Garolera, Researcher, Brain, Cognition and Behavior: Clinical Research, Consorci Sanitari de Terrassa.

**NoaH: neonatologist at home**  
Dr Albert Pla, Postdoctoral student, UdG.

**Tobbstop: a game to stop smoking**  
Dr Gemma Flores, Researcher, Institut d’Investigació en Atenció Primària (IDIAP) Jordi Gol.

11.30 - 12.55 **Expert panel, case studies**  
**Virtual reality for health applications**  
Carles Blanes, Gamification and mHealth manager, Other Side Mirror (OSM).

**Patients promoting apps, a case of breast cancer: Xemio app**  
Imma Grau, Chair, ISYS Foundation.

**Doctoralia app**  
Frederic Llordachs, VP Marketing, co-founder of Doctoralia.

**Social Diabetes app**  
Victor Bautista, Founder and CEO of Social Diabetes.

**Universal Doctor**  
Jordi Serrano, Entrepreneur, CEO.

**Gamification in psycho-oncology**  
Dr Tania Estapé, Head of Psycho-Oncology, FEFOC Foundation

**Games for healthcare, what’s next?**  
Anna Sort, CEO and founder of Playbenefit, BCN.

12:55 – 13:30 **Moderated closing panel**  
Teresa Bau, Freelance journalist, Mobile Health Global Editor and Communication in Patient Power Europe.

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**For all participants**  
Espai Josep Vernis

10.45 - 11.30 **Coffee break and research posters**

**Cultural activities**  
Espai Josep Vernis

**Exhibition of 20th-century women illustrators**
**Friday 12 June**

**Gender studies**  
**Room F101**

9.00 - 12.30 **Symposium**  
Women translators, strategies and censorship  
Chair: Dr Pilar Godayol. GETLIHC research group coordinator, UVic-UCC.

9.00 - 9.40 **Inaugural lecture**  
*Translation, censorship and the representation of queer identities and textualities through Italy’s fascist past*  
Dr Annarita Taronna. Researcher in English and Translation, coordinator of the Archivio di Genere, University of Bari “Aldo Moro” (Italy).

9.45 - 10.45 **Papers**  
*Part I. Women translators*

09.45 - 10.00  
**Gràcia Bassa, translator of South American poets**  
Dr Montserrat Bacardí. GETCC research coordinator, UAB.

10.00 – 10.15.  
**Rosa Leveroni, translator of The Waste Land, by T.S. Eliot**  
Dr Lluïsa Cotoner. GETLIHC Emeritus Professor, UVic-UCC.

10.15 – 10.30  
**Fighting against forgetting: Maria Carratalà, translator, journalist and committed activist**  
Dr Teresa Julio. GETLIHC researcher, UVic-UCC.

10.30 – 10.45  
**Rosa Elias, translator**  
Dr Eusebi Coromina. GETLIHC researcher, UVic-UCC.

11.30 – 12.30 **Papers**  
*Part II. Strategies and censorship*

11.30 – 11.45  
**Feminism, translation and censorship under Franco in the 1960s**  
Dr Pilar Godayol. GETLIHC research group coordinator, UVic-UCC.

11.45 – 12.00  
**Feminism and strategic translation of grammatical gender in “A Room of One’s Own”, by Virginia Woolf**  
Dr Susagna Tubau. GETLIHC researcher, UVic-UCC, and CLT Researcher, UAB.

12.00 – 12.15  
*“Voile Noire Voile Blanche” in Catalan. Translation strategies (in feminine)*  
Àngela Albarracín. GETLIHC doctoral student, UVic-UCC.

12.15 – 12.30 **Discussion**  
**Room F104**

11.30 – 12.30 **Symposium**  
Times, dialogues and representations of gender and sexual diversity (I)

11.30 **Presentation**  
Mr Miquel Missé. Researcher, UVic-UCC.

11.35  
**Transfeminism and the promise of a politics of difference**  
Dr Sally Hines. Director of the Centre for Interdisciplinary Gender Studies, University of Leeds (UK).

12:15 **Discussion**  
**Room F101**

12.30-13.30 **Round table**  
*Queer tools: an interdisciplinary debate*

Presentation and coordination: **Mr Arnau Roig**. Doctoral student, University of Illinois / UVic-UCC.

Dr Sally Hines. Director of the Centre for Interdisciplinary Gender Studies, University of Leeds (UK).

Dr Raquel (Lucas) Platero. Researcher, Cátedra de Género del Instituto de Derecho Público, Universidad Rey Juan Carlos.

Dr Malgorzata Radkiewicz. Lecturer, Department of Film Theory and Anthropology, Uniwersytet Jagielloński (Poland).

Annarita Taronna. Researcher in English and Translation, Coordinator of the Archivio di Genere, University of Bari “Aldo Moro” (Italy).

**Room F101**

15.00 – 17.00 **Symposium**  
Times, dialogues and representations of gender and sexual diversity (II)

15.00 – 15.10 **Presentation**  
Dr Gerard Coll-Planas. Director of the Centre for Interdisciplinary Gender Studies, UVic-UCC.

15.10 – 15.50  
**(In)visible queer: non-normative sexualities in Polish contemporary cinema**  
Dr Malgorzata Radkiewicz. Lecturer, Department of Film Theory and Anthropology, Uniwersytet Jagielloński (Poland).
15.50 - 16.05
Infamous criminals, acceptable patients and campy gender-benders: Transsexuality in Spanish cinema from the 1970s
Mr Arnau Roig. Doctoral student, University of Illinois / UVic-UCC.

16.05 - 16.40 Presentation of projects on LGTB history
Autumn flowers
Hanna Jarzabek. Photographer.
¿Archivo Queer?
Dr Raquel (Lucas) Platero. Researcher, Cátedra de Género del Instituto de Derecho Público, Universidad Rey Juan Carlos.

16.40 - 17.00 Discussion

Communication and society
Room F102
11.30 - 12.30 Round table
About the “Politics of interface” congress
Dr Pau Alsina, lecturer and researcher, Faculty of Arts and Humanities, UOC; Jara Rocha, art curator, cultural mediator and researcher, Design & Social Transformation research group, Bau Design College of Barcelona; Dr Héctor Navarro, senior lecturer, Faculty of Business and Communication Studies, coordinator of Konekto research group, UVic-UCC; Jorge Luis Marzo, historian, art curator, writer, teacher and researcher, Design & Social Transformation research group, Bau Design College of Barcelona.

Schools and their context
Room F103
9:00 -10:45 Presentation
Research and innovation for improving schools
Presentation of research projects. GRAD, GREDITS, CODI, GREUV and GREL research groups, UVic-UCC.
11:30-12:30 Discussion between research group members

12:30-13:30 Lecture
Learning and creativity. How neuroscience studies can contribute
Dr David Bueno. Lecturer and researcher, Departament of Genetics, UB.

Sport
F105
9.00 - 11.00 Symposium
Innovations in sports engineering
Dr Mario Vaz, Universidade do Porto; Dr Josep Maria Padullés, INEFC-UB; Dr Antoni Susín, Universitat Politècnica de Catalunya.

11.30 - 14.00 Presentation
Entrepreneurship in sports technology
Firstv1sion, Chronojump-Boscosystem, ER1csports.

15.00 - 15.45 Lecture
Sports sponsorship: “Follow your dreams”, the sponsorship policy of GAES
Mr Antonio Gassó. Managing director, GAES.

15.45 - 16.15 Lecture
Sport and work: a local project
Ms Núria Macià. Creacció director.

16.15 - 16.40 Lecture
New technology in sports centre management
Ms Anna Maresma. Esports Entitats.

16.40 - 17.00 Lecture
Reanima: Price your life
Mr Marc Masats. Founding member of Reanima.cat.

The food industry and the environment
Segimon Serrallonga Hall
9.00 - 17.15 Workshop
Environmental technology. Wastewater and municipal waste management

9.00 - 9.15 Welcome and presentation of the BETA Technology Centre
Dr Sergio Ponsá. Director of BETA Technology Centre, UVic-UCC.

9.15 - 10.45 Topic 1. Wastewater
Moderator: Dr Sergio Ponsá. Director of BETA Technology Centre, UVic-UCC.

9.15 - 9.40
Bioplastics production within the wastewater treatment plant
Dr Evina Katsou. Lecturer, Brunel University (UK).

9.40 - 10.00
Opportunities of bioelectrochemical of biogas upgrading
Dr Albert Guisasola. Lecturer, UAB.
10.00 - 10.20  
*Carbon and nutrients recovery from the treatment of municipal wastewater*  
Dr Carlota Tayà. Postdoctoral student, UVIC-UCC.

10.20 - 10.45  
*Hybrid RO-freeze separations for desalination and nutrient recovery*  
Dr Darren Oatley-Radcliffe. Senior lecturer, Swansea University (UK).

11.30 – 12.50  
**Topic 2. Municipal waste management**  
Moderator: Dr Laia Llenas. Project manager, BETA Technology Centre, UVic-UCC.

11.30 - 11.50  
*Developing a waste management plan in Panama City*  
Mr Jorge Torrente. Doctoral student, UVic-UCC.

11.50 - 12.10  
*New challenges in municipal waste collection*  
Mr Pablo Bernal. Coordinator of CIAM, URBASER.

12.10 - 12.30  
*Waste management systems and positive synergies in islands (the case of La Palma)*  
Dr Ramón Plana. Consultant and researcher, MaestroCompostador.

12.30 - 12.50  
*Mathematical optimization in municipal solid waste management. A case study in a Hellenic region*  
Dr Dimitrios Komilis. Lecturer, Democritus University of Thrace / UAB.

12.50 - 13.30  
*Round table*  
Moderator: Dr Javier Lafuente. Lecturer, UAB.

15.00 - 17.30  
**Topic 3. Gaseous emissions, agroindustrial waste management and environmental impact**  
Moderator: Dr Joan Colón. Researcher, BETA Technology Centre, UVic-UCC.

Gaseous emissions

15.00 - 15.20  
*Biological desulfurization of biogas: developments, challenges and opportunities*  
Dr Xavier Gamisans. Vice-chancellor of Research and Innovation, UPC; Dr David Gabriel, lecturer, UAB.

Agroindustrial waste management

15.20 - 15.40  
*Biodrying applied to manure and slurry*  
Dr Sergio Ponsá. Director of BETA Technology Centre, UVic-UCC.

15.40 - 16.00  
*Towards energy neutral microalgae-based wastewater treatment systems for water reuse and resource recovery*  
Dr Ivet Ferrer. Lecturer, UPC.

16.00 - 16.20  
*Energy recovery from pig fur*  
Dr Laia Llenas. Project manager, BETA Technology Centre, UVic-UCC.

Environmental impact

16.20 - 16.40  
*The hidden water of our dairy products*  
Mrs Vasileia Vasilaki. Doctoral student, Brunel University / UVic-UCC.

16.40 - 17.00  
*Developing a new tool for water footprint and carbon footprint calculations in the meat industry*  
Dr Joan Colón. Researcher, BETA Technology Centre, UVic-UCC.

17.00 - 17.15  
**Concluding remarks**  
Dr Sergio Ponsá. Director of BETA Technology Centre, UVic-UCC.

For all participants  
Espai Josep Vernis

10.45 - 11.30  
**Coffee break and research posters**

**Cultural activities**

*First meeting and dinner of the UVic Community - Alumni Association*  
Price: €25  
Venue: Torre dels Frares patio  
Time: 20.30  
Tickets: Three Campus reception desk until June 10th

*Exhibition of 20th-century women illustrators*  
Espai Josep Vernis
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