

## Workshop on innovative teaching methodologies for mathematics and sciences in the University of Oviedo

Location (unless contrary indicated): Sala de Grados, 3<sup>rd</sup> floor, Facultad de Formación del Profesorado y Educación (<https://goo.gl/maps/saLva2vne4L2>)

### Monday 25<sup>th</sup> March

17:00	Welcome and presentation of the workshop
18:00	Promenade through Oviedo

### Tuesday 26<sup>th</sup> March

9:30	Food control, Citizen Science and Gaming as educational tools alternatives to improve transversal competences when teaching Biology (Dr. Yaisel Borrell)
10:45	Coffee break (Cafeteria, Faculty of Geology <a href="https://goo.gl/maps/Ur8Ybex2LwN2">https://goo.gl/maps/Ur8Ybex2LwN2</a> )
11:15	Experiences with flipped learning and video vignettes for future mathematics teachers (Dr. Luis J. Rodríguez-Muñiz and Dr. Laura Muñiz-Rodríguez)
12:30	Active teaching and learning of Mathematics in higher education (Dr. José Ángel Huidobro and Dr. María Luisa Serrano)
16:00	Programming quiz as an additional tool for learning Python (Noelia Rico)

### Wednesday 27<sup>th</sup> March

9:00	Institutional reception by the Rector (Rectorate <a href="https://goo.gl/maps/nSt2pgMcYAm">https://goo.gl/maps/nSt2pgMcYAm</a> )
10:30	Coffee break (Cafeteria, Faculty of Geology <a href="https://goo.gl/maps/Ur8Ybex2LwN2">https://goo.gl/maps/Ur8Ybex2LwN2</a> )
11:00	The Innovation Center of the University of Oviedo (Dr. Aquilina Fueyo)
12:00	The INIE: Institute for Educational Research and Innovation (Dr. Emilio Álvarez Arregui)
16:30	A whole group discussion of a geometric task: Instructional Quality Assessment (IQA) (Dr. Itziar García-Honrado)

### Thursday 28<sup>th</sup> March

9:45	Teaching and learning resources employed in the chemistry degree to enhance student learning and to promote multidisciplinary skills (Dr. José Manuel Costa and Dr. José Manuel Fernández-Colinas)
10:45	Coffee break (Cafeteria, Faculty of Geology ( <a href="https://goo.gl/maps/Ur8Ybex2LwN2">https://goo.gl/maps/Ur8Ybex2LwN2</a> )
11:15	Teaching Classical Mechanics with Smartphones: acceleration and trajectory (Dr. María Vélez)
12:30	Moodle workshop for Informatic Tools (Dr. César Alonso and Dr. Irene Díaz)
16:00	Meeting of partners from Serbia and Albania

### Friday 29<sup>th</sup> March

9:00	Summary and conclusions of the workshop
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