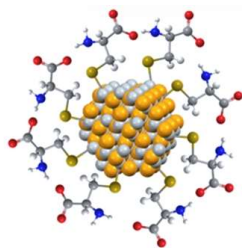


**International Congress on Analytical  
Nanoscience and Nanotechnology**  
**Santiago de Compostela, Spain**  
**3th - 6th September 2024**



[nyna2024.com](http://nyna2024.com)



## NyNA 2024 COMMITTEES



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Grupo de Ciencia y Tecnologías (Bio)analíticas

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PhD students: Ana Justo Vega, Iván Lozano González, Óscar Vicent Giner Rajala

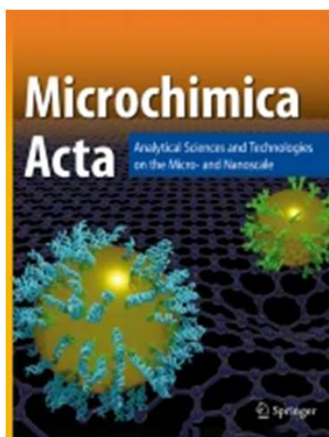


## TOPICS

Nano(bio)sensors.  
Nanomaterials for sample preparation.  
Analytical Nanometrology.  
Detection, characterization, and quantification of nanomaterials.  
Applied analytical strategies involving nanomaterials.  
Other nanotechnological applications and miniaturized nanosystems.

## AWARDS AND SELECTED CONTRIBUTIONS

A "Topical Collection" with selected contributions of XI NyNA 2024 will be published in **Microchimica Acta** (IF= 5.7, Q1, 2022)



Awards will be given to the best oral and poster communications

**RSC (Journal of Analytical Atomic Spectrometry, JAAS)**

**RSEQ-GENAM**

**EuChemS**



## CONFIRMED SPEAKERS

**Thomas Hirsch** (UR, Germany)

**Heidi Goenaga Infante** (LGC, United Kingdom)

**Yuri Antonio Díaz Fernández** (UNIPV, Italy)

**Katrin Löschner** (DTU, Denmark)

**Carlos Lodeiro Espiño** (UNL, Portugal)

**Fabiana Arduini** (UNIROMA, Italy)

**Luis Liz Marzán** (CIC biomaGUNE, UVigo, Spain)

**Francesco Cubbada** (ISS, Italy)

**José Rivas** (iMATUS, Spain)

**Salvador Pané** (IRIS, Switzerland)

**Begoña Espiña** (INL, Portugal)

**Lourdes Basabe** (UPV, Spain)

**Miriam Chávez Peraza** (UaH, Spain)

**Angel Ríos** (UCLM, Spain)

**Elena Benito Peña** (UCM, Spain)

**Mónica Revenga Parra** (UAM, Spain)



## IMPORTANT DATES

- Abstract submission opening: March 18, 2024
- **Abstract submission deadline: May 14, 2024**
- Decision on acceptance: May 30, 2024
- Registration opening: March 18, 2024
- **Early bird registration deadline: June 24, 2024**

## REGISTRATION FEES

	Before June 24	After June 24
Members*	300 €	400 €
Non-members	400 €	500 €
Students**	150 €	200 €
Accompanying	75 €***	125 €***
Short Course	25 €	25 €

\*RSEQ, SEQA, SEA, SECyTA

\*\* Societies will grant scholarships for their doctoral students

\*\*\* Conference dinner and lunches included

Each registered author can present a **maximum of two communications**. The registration fee includes **full admission to congress sessions, conference materials, coffee breaks, welcome reception and conference dinner**.

The **Pre-Congress Short Course** includes a **coffee break, lunch, and an attendance/completion certificate**.

## PRELIMINARY PROGRAMME

	Morning		Afternoon	Evening
September 3, 2024 (Tuesday)	SHORT COURSE	Lunch break	Opening ceremony Sessions	Welcome reception (Pazo de Fonseca)
September 4, 2024 (Wednesday)	Sessions	Lunch break	Sessions	Guided visit
September 5, 2024 (Thursday)	Sessions	Lunch break	Sessions	Conference dinner (Pazo de San Lorenzo)
September 6, 2024 (Friday)	Sessions Closing ceremony	Lunch		

## SHORT COURSE

	<b>TUESDAY, SEPTEMBER 3</b>
Ángel Ríos, UCLM, Ciudad Real	Analytical nanoscience and nanotechnology: general view, trends and present challenges
Heidi Goenaga, LGC, London	Overcoming metrology challenges in the characterisation of nanomaterials to support current legislation
Elena Benito Peña, Complutense University, Madrid	Molecular recognition in optical sensors
Mónica Revenga Parra, UAM, Madrid	Nanomaterials: key components in the improvements of electrochemical bio-sensing devices

The Pre-Congress Short Course includes a coffee break, lunch, and an attendance/completion certificate.

## PLENARY LECTURES

<b>TUESDAY, SEPTEMBER 3</b>	
	<b>Detection, characterization, and quantification of nanomaterials</b>
Francesco Cubadda, Istitute superiore di Sanità, Roma	PL1. Key analytical issues in the development of dispersion protocols and in the assessment of intestinal fate, uptake and crossing of food-relevant nanomaterials
Yuri Antonio Díaz, Università di Pavia	PL2. Fate and effects of functional nanoparticles in biological matrices and biointerfaces
<b>WEDNESDAY, SEPTEMBER 4</b>	
	<b>Nano(bio)sensors</b>
Lourdes Basabe, University of País Vasco, Vitoria-Gasteiz	PL3. Miniaturized sensors based on nanomaterials for lab on a chip: enhancing analytical efficiency
Luis Liz Marzán, CIC Biomagune-UVigo	PL4. Nanoplasmonic sensors integrated in 3D printed tumor models
Begoña Espiña, INL, Braga	PL5. Nanotechnology-based sensors and materials for water contaminants monitoring
Miriam Chávez, University of Alcalá de Henares	PL6. Tailored fabrication of electrochemical microfluidic devices by 3D-printing approach
Fabiana Arduini, Università di Roma	PL7. Paper-based electrochemical (bio)sensors: a new generation of devices with unprecedented features
<b>THURSDAY, SEPTEMBER 5</b>	
	<b>Analytical nanometrology</b>
Heidi Goenaga, LGC, London	PL8. Novel strategies for the accurate determination of particle number concentration: From nanomaterials to microplastics
Katrin Löschner, Technical University of Denmark	PL9. Application of single particle ICP-MS for the determination of inorganic nanoparticles in food additives and food
	<b>Applied analytical strategies involving nanomaterials</b>
Carlos Lodeiro, UNL, Lisboa	PL10. Metallic nanoparticles as analytical tools in proteomics, antimicrobial, and drug delivery strategies
Thomas Hirsch, University of Regensburg	PL11. Upconversion nanoparticles - bright reporters for bioanalytical applications
<b>FRIDAY, SEPTEMBER 6</b>	
	<b>Other nanotechnological applications and miniaturized nanosystems</b>
Salvador Pané, IRIS, Zürich	PL12. Magnetic micro- and nanorobots: a materials journey
José Rivas, iMATUS, USC	CL. Advancing water pollution remediation through magnetic nanostructured biomaterials

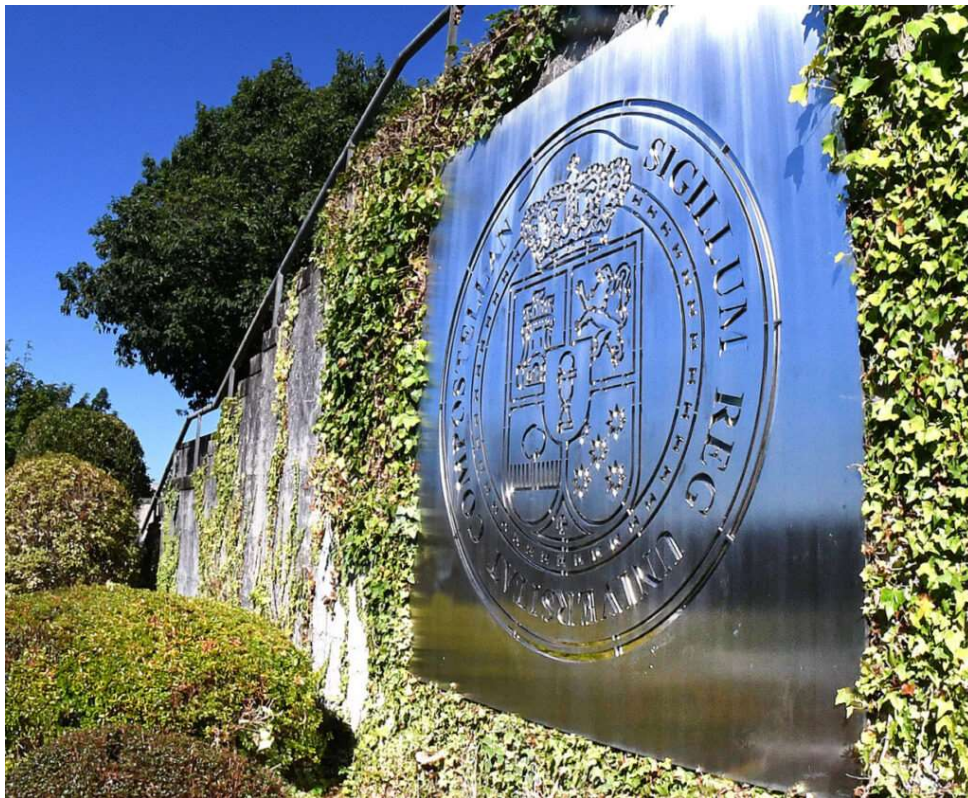
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