

TNT2019: POSTERS LIST

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Álvarez	Ruslan	Spain	Graphene & 2DM Carbon nanotubes	Screen-Printed Electroluminescent Lamp Modified with Graphene Oxide as a Sensing Device	1
Aranburu	Nora	Spain	Nanostructured & nanoparticle based materials	Mechanical and electrical properties of bio-based PA410/CNT nanocomposites modified with a bio-TPE	16
Aznar Gadea	Eduardo	Spain	Nanotechnologies for security & defense	Printed luminescent chemosensor for detection of explosive or explosive-like molecules	21
Beker	Sabrina	Australia	Nanostructured & nanoparticle based materials	Carbon dots as metal free catalyst for the removal of industrial hazardous dyes	17
Camosi	Lorenzo	Spain	Topological Insulators	Characterization of WTe ₂ multilayer grown by CVT	28
Corona García	Carlos Antonio	Mexico	Graphene & 2DM Carbon nanotubes	Structural and electronic properties of molecules adsorption on Blue Phosphorene	2
Cristea	Dana	Romania	NanoOptics/ NanoPhotonics/ Plasmonics/ Nanophononics	Plasmonic nanostructures based hot-electron Si photodetector	13
Gomez de Merodio Perea	Maria del Rosario	Spain	Theory & modelling at the nanoscale	Molecular dynamics simulation of the interaction between pure and functionalized carbon nanotubes and cement surfaces	25
Gür	Emre	Turkey	Nanomaterials for energy	Effect of pH on Electrodeposited CZTS Thin Films on ITO Substrates	10
Guster	Bogdan	Spain	Theory & modelling at the nanoscale	A first principles exploration of Charge Density Waves in 2D Transition Metal Dichalcogenides	26
Jaramillo Fernandez	Juliana	Spain	NanoOptics/ NanoPhotonics/ Plasmonics/ Nanophononics	A single layer self-assembled radiative cooler	14
Lasa-Alonso	Jon	Spain	NanoOptics/ NanoPhotonics/ Plasmonics/ Nanophononics	Symmetry protection of N-photon angular momentum states when interacting with cylindrical systems	LATE1
Mansouri	Masoud	Spain	Theory & modelling at the nanoscale	Benchmarking Starting-Points of the G ₀ W ₀ for Open-Shell Molecules	27
Martí González	Joan	Spain	Nanomaterials for energy	Laser Induced Graphene Flexible In-Plane Microsupercapacitors	11
Mitxelena	Ion	Spain	Low dimensional materials	Strong correlation in one- and two-dimensional systems	5
Molezuelas	Martín	Spain	NanoOptics/ NanoPhotonics/ Plasmonics/ Nanophononics	Symmetry protection of N-photon angular momentum states when interacting with cylindrical systems	LATE1
Olmos-Trigo	Jorge	Spain	NanoOptics/ NanoPhotonics/ Plasmonics/ Nanophononics	Asymmetry and spin-orbit coupling of light scattered from subwavelength particles	LATE2
Otaegi	Itziar	Spain	Nanostructured & nanoparticle based materials	Effect of CNT dispersion and aspect ratio on mechanical and electrical properties of bio-based PA410/CNT nanocomposites	18
Peña Díaz	Marina	Spain	Other	Correlating atomic scale structure and activity of model catalysts for Oxygen Evolution Reaction	22

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Sanz-Fernández	Cristina	Spain	Nanomagnetism & spintronics	Non-local magnetoelectric effects in diffusive conductors with spatially inhomogeneous spin-orbit coupling	LATE3
Sokol	Maria	Russia	Nanobiotechnologies & nanomedicine	Novel α -fetoprotein (AFP) third domain-conjugated PLGA nanoparticles with paclitaxel: pharmacokinetics and biodistribution study	7
Taladriz-Blanco	Patricia	Switzerland	Nanostructured & nanoparticle based materials	Taylor-Aris dispersion Analysis to characterise Plasmonic Nanoparticles	19
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Turco	Elia	Italy	Low dimensional materials	On-surface boroxine synthesis: from 1D to 2D nanostructures	6
Urbieto	Mattin	Spain	NanoOptics/ NanoPhotonics/ Plasmonics/ Nanophononics	Unveiling the quantum nature of plasmons in metallic nanoparticles with electron beams	15
Vairo	Claudia	Spain	Nanostructured & nanoparticle based materials	Preclinical safety of topically administered nanostructure lipid carriers (NLC) for wound healing application: biodistribution and toxicity studies	20
Varghese	Sebin	Spain	Graphene & 2DM Carbon nanotubes	Spatiotemporal mapping of heat and charge transport in MoSe ₂	3
Vatankhahan	Adeleh	Iran	Other	Tuning the electronic and magnetic properties of β_{12} -borophene	24
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Zabolotksy	Artur	Russia	Nanobiotechnologies & nanomedicine	Reduction of non-specific interactions in systems based on PAMAM dendrimers for targeted MRI contrast agent delivery	8

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Posters Schedule:

Posters should be displayed on **Monday September 30, 2019** and should be removed **Friday October 04, 2019** (after the morning coffee break)

* You will find double side tape directly on the panel to hang your poster or in a box at the registration desk.