



# XXXVI Reunión Bienal de la Real Sociedad Española de Física

## Wednesday 19 July 2017

### Quantum Materials and Technologies (GEFES) II - Aula Química Inorgánica (15:15-19:05)

| time  | [id] title   | presenter                       |
|-------|--|---------------------------------|
| 15:15 | [247] Andreev levels in hybrid superconductor-semiconductor nanowire quantum dots: Energy scaling and spin texture               | Dr. LEE, Eduardo Jian Hua       |
| 15:45 | [415] Mapping the orbital structure of Shiba states in a superconductor  | Prof. PASCUAL, Nacho            |
| 16:05 | [39] Zero-energy pinning from interactions in Majorana nanowires   | Dr. SAN-JOSE, Pablo             |
| 16:25 | [38] Measuring Majorana non-locality and spin structure with a quantum dot   | Dr. PRADA, Elsa                 |
| 16:45 | Coffee Break and Posters   |                                 |
| 17:45 | [179] Graphene based nuclear spin quantum bits   | Mr. GARCIA, Noel                |
| 18:05 | [85] Manipulability, coherence and entanglement of acceptor qubits in Si and Ge  | Mr. ABADILLO-URIEL, José Carlos |
| 18:25 | [237] Coupling small spin ensembles to superconducting on-chip resonators: towards a hybrid architecture for quantum information | Dr. LUIS, Fernando              |