

LIST OF CONTRIBUTIONS TO NATIONAL AND INTERNATIONAL CONGRESSES 2021

1. Aslanidou S., García-García A., Rius G., Godignon P.
Fabrication and Characterization of Epitaxial Graphene Field Effect Transistor Devices based on a Monolithic Bottom Gate
The 13th European Conference on Silicon Carbide and Related Materials (ECSCRM 2020-2021), October 2021, oral, International
2. Fusté, N, Aviñó, O., Perpiñà X., Sanchez, D., Vellvehí M., Jordà X.
Determination of Anand viscoplastic constitutive parameters for the AuGe solder alloy from experimental stress-strain curves for power systems integration FEA simulations.
2021 Smart Systems Integration (SSI), April 2021, virtual, International
3. Hlawacek G., Popovic M., Wirtz T., Hobler G., Höflich K., Rius G., Gandy A.
FIT4NANO---Focused Ion Technology for functional nanomaterials
European Focused Ion Beam Network, 2021, virtual, International
4. Aguil J.P., Arjona M.I., Duch M., Fusté N., Plaza J.A.
Multidimensional anisotropic SU-8 microparticles
MicroTAS, 2021, International
5. Serra-Peralta M., Martí G., Rius G.
Water Wettability and Microfluidics of Microstructured Surfaces
Micro and nano Engineering Conference, 2021, virtual, International
6. Godignon, P., Montserrat, J., Rebollo, J. and Planson, D.
Edge terminations for 4H-SiC power devices: a review.
The 13th European Conference on Silicon Carbide and Related Materials (ECSCRM 2020-2021), Tours (France), October 2021, Invited paper International
7. Otero, S., Rafí, J.M., Godignon, P., Pellegrini, G., Rius, G., Jiménez-Ramos, M.C., García, J., García-Osuna, A.
Monolithic integration of graphene in SiC radiation sensors for harsh-environment applications.
The 13th European Conference on Silicon Carbide and Related Materials (ECSCRM 2020-2021), Tours (France), October 2021, International
8. Rafí, J.M., Dauderys, V., Pellegrini, G., Godignon, P., Otero, S., Rius, G., Claus, T., Tsunoda, I., Yoneoka, M., Takakura, K., Kramberger, G., Moll, M.
Low temperature annealing of electron and neutron irradiation effects on four-quadrant SiC radiation detectors
The 13th European Conference on Silicon Carbide and Related

**Materials (ECSCRM 2020-2021), Tours (France), October 2021,
International**

9. Aslanidou, S., García-García, A., Ozceri, E., Godignon, P., Rius, G.
Electrical testing of large anisotropic single crystal Epitaxial Graphene flakes transferred from SiC wafers
EMERGING 2021 - DOC-FAM School on Functional Advanced Materials for Emerging Applications, Cerdanyola del Vallès (Spain), June-July 2021.
10. Rius, G.
Nanofabrication as driver and object of research
EMERGING 2021 - DOC-FAM School on Functional Advanced Materials for Emerging Applications, Cerdanyola del Vallès (Spain), June-July 2021, invited talk.
11. Doblas, A., Flores, D., Hidalgo, S., Pellegrini, G., Quiri6n, D., Vila, I.
Technology Developments on iLGAD Sensors at IMB-CNM.
Spanish Conference on Electron Devices, Virtual, June 2021, International
12. Doblas, A., Khalid, W., Flores, D., Hidalgo, S., Pellegrini, G., Quiri6n, D., Valentan, M.
Proton Low Gain Avalanche Detector (pLGAD) for Low Energy Particles Detection.
Spanish Conference on Electron Devices, Virtual, June 2021, International