

LIST OF CONTRIBUTIONS TO NATIONAL AND INTERNATIONAL CONGRESSES 2022

1. Raya M., Aviñó O., Busquets S., Vellvehi M., Perpiñà X and Jordà X.
Improvement of a self-powered gate driver power supply
24th European Conference on Power Electronics and Applications (EPE'22 ECCE EUROPE), September 2022, Hannover (Germany), oral, International
2. Fusté N., Solà E., Sánchez D., Aviñó O., Perpinyà X., Vellvehi M. and Jordà X.
Thermo-Mechanical Constraints for Packaging of Diamond Components.
International Workshop on Integrated Power Packaging 2022 (IWIPP2022), August 2022, Grenoble (France), oral, International
3. Aviñó O., Bonet F., Vellvehi M., Godignon P., Jordà X. and Perpiñà X.
Dopant Incomplete Ionization Role in SiC Schottky Diode Edge Termination under Current Over-Stress
IEEE Workshop on Wide Bandgap Power Devices and Applications in Europe (WiPDA-Europe), September 2022, Warwick (United Kingdom), oral, International
4. Solà E., Fusté N., Aviñó O., Vellvehi M., Sánchez D., Perpiñà X., Brezeanu G., Draghici F. and Jordà X.
Silver Sintering as Die-Attach Material for High Temperature Sensors.
International Semiconductor Conference CAS2022, Brasov (Romania). Oral, International
5. Jordà X.
Power Systems Integration: A Key Enabling Technology for Electrification
International Semiconductor Conference CAS2022, Brasov (Romania). Oral invited, International
6. Moffat N., Rius G., Villegas J., Pellegrini G.
Graphene-Enabled Silicon-Integrated Photodiode for DUV Imaging
2022 IEEE 22nd International Conference on Nanotechnology (NANO), 120-123
7. Currás, E., Fernández M., Jaramillo, R., Moll M., Montero R., Palomo R., Pape S., Pellegrini G., Quintana C., Rafí, JM, Rius G., Vila I., Wiehe M.
Characterization of neutron irradiated IMB-CNM SiC planar diodes with TPA-TCT.
40th RD50 Workshop on Radiation hard semiconductor devices for very high luminosity colliders.

8. J Villegas, Salvador Hidalgo, Ángel Merlos Domingo, N Moffat, Giulio Pellegrini, M Fernández, R Jaramillo, Efrén Navarrete Ramos, AK Sikdar, Iván Vila.

Measurements on last IMB-CNM LGADs production.

40th RD50 Workshop on Radiation hard semiconductor devices for very high luminosity colliders.

9. J. Villegas, O. Ferrer, S. Hidalgo, N. Moffat, G. Pellegrini.

Gain measurements on nLGAD detectors

41st RD50 Workshop on Radiation hard semiconductor devices for very high luminosity colliders.

10. N. Moffat, M. Manojlovic, J. Villegas, S. Hidalgo, G. Pellegrini.

Update of AC-LGAD at CNM

41st RD50 Workshop on Radiation hard semiconductor devices for very high luminosity colliders.