



Synthetic Diamond Devices

Research Topics

- Single crystal diamond growth and characterization
- Transport properties of semiconductors
- Diamond based device fabrication
 - Radiation therapy dosimeters
 - Hadron-therapy micro-dosimeters
 - In-vivo dosimetry
 - Field effect transistors for high-frequency/high-power application
 - Neutron detectors
 - UV, V-UV, E-UV, Soft-X ray detectors
 - Detectors for femtosecond laser application
- Time-resolved Laser-induced Fluorescence
- Diagnostics for cultural heritage applications

Contacts



Prof. Gianluca Verona Rinati
Tel. +39 06 7259 7238
gianluca.verona.rinati@uniroma2.it



Prof. Marco Marinelli
Tel. +39 06 7259 7229
marco.marinelli@uniroma2.it



Dott. Claudio Verona
Tel. +39 06 7259 7223
claudio.verona@uniroma2.it

