



Contribution ID: 136

Type: **Talk**

## Evolution of Dislocations in GaAs Wafers Investigated by Means of X-ray Diffraction Imaging

*Wednesday, 16 March 2022 09:20 (20 minutes)*

Gallium arsenide is one of the most important materials for optoelectronic. During manufacturing, the presence of like dislocations may influence the fabrication yield and the performance of the devices. This study provides a deeper understanding of dislocation generation and development in GaAs wafers with mechanical surface damage exposed to thermally induced stress investigated by X-ray diffraction imaging methods.

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**Session Classification:** Crystallization and Crystal Growth Processes

**Track Classification:** Main conference: Crystallization, Crystal Growth Processes, Synthesis