

**Siddhesh Bhosle**

Lives in Draper, Utah

Education

BE Electronics Eng. University of Mumbai (2008)

MS EE University of Cincinnati, (2011)

Employment after UC Graduation

Yield Enhancement Engineer, IM Flash Utah

Current Job Description:

Identify and communicate electrical failures and design issues that limit wafer yield, implement new YE systems, and increase YE productivity. Provide expertise on multiple area processes, and control all aspects of yield analysis related to these areas. Serve a key role in implementing new methods for yield analysis and in implementing new ways to improve YE process efficiencies. Lead and participate in multi-area focus teams to troubleshoot complex yield problems using advanced knowledge of device/Fab process to consistently create new ways to solve YE problems. Apply advanced knowledge of architecture and layout to consistently create new ways to solve YE problems.

Knowledge of semiconductor device physics, electronics, and semiconductor manufacturing process to explain and resolve yield issues. Partner closely with Yield Analysis Engineers, Physical Failure Analysis, and Advanced Imaging lab groups and work to understand their constraints and improve communication and workload balance.

PublicationsMelt Homogenization and Self-Organization in Chalcogenides-Part II

S Bhosle, K Gunasekera, P Boolchand, M Micoulaut
International Journal of Applied Glass Science 3 (3), 205-220 2012

Meeting experimental challenges to physics of network glasses: Assessing the role of sample homogeneity

S Bhosle, K Gunasekera, P Chen, P Boolchand, M Micoulaut, C Massobrio
Solid State Communications 151 (24), 1851-1855 2011

Melt Homogenization and Self-Organization in Chalcogenides-Part I

S Bhosle, K Gunasekera, P Boolchand, M Micoulaut
International Journal of Applied Glass Science 3 (3), 189-204 2012

Midgap states, Raman scattering, glass homogeneity, percolative rigidity and stress transitions in chalcogenides

P Boolchand, K Gunasekera, S Bhosle
physica status solidi (b) 249 (10), 2013-2018 2012

Patents: none

Email contact: sbhosle@imflash.com