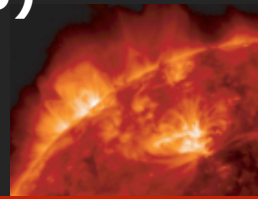


EXtreme Environment Microsystems Laboratory (XLab)

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Research Summary

- Engineer a new breed of micro/nano-scale sensors and electronics for harsh environments
 - Temperatures $> 600^{\circ}\text{C}$
 - Radiation
 - Oxidation and pH extremes
- Increase scientific knowledge of the physical mechanisms of wide bandgap electronic materials (e.g., GaN & SiC) within unique environments

