

TCAD simulation VII

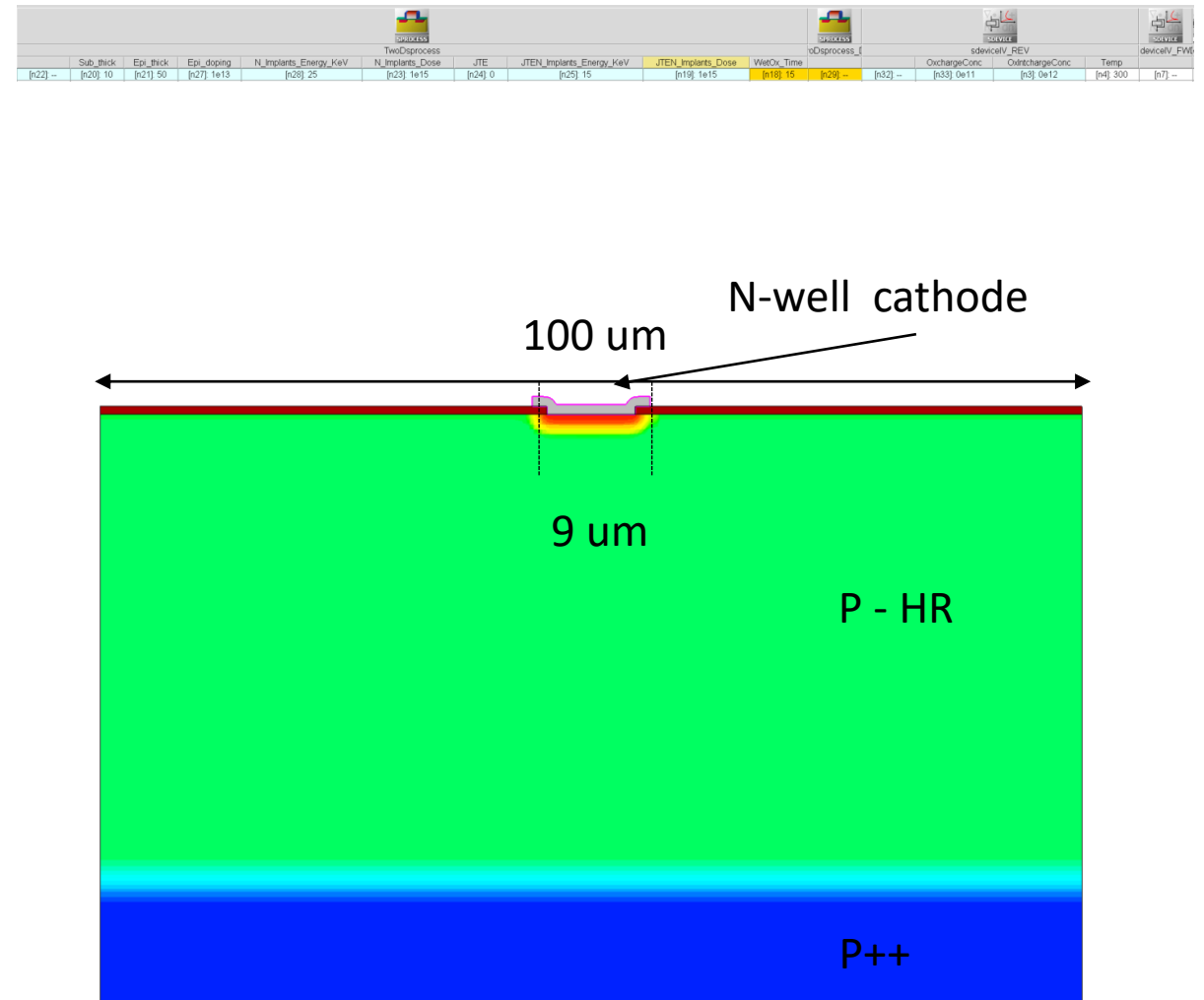
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Overview

- **Simulation example of 2D PN junction using SPROCESS and SDEVICE**
- **CV**

TCAD Synopsys Simulation

- SDEVICE simulation of 2D pn junction
 - CV



TCAD Synopsys Simulation

- **Effects on the CV with/without JTE**
- **Effects on the CV with/without oxide charge**

Thank you

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- Simulation example : 2D pn using SPROCESS
- CV : JTE and Oxide charge effects