SiC Timing Weekly Discussion

Xin Shi

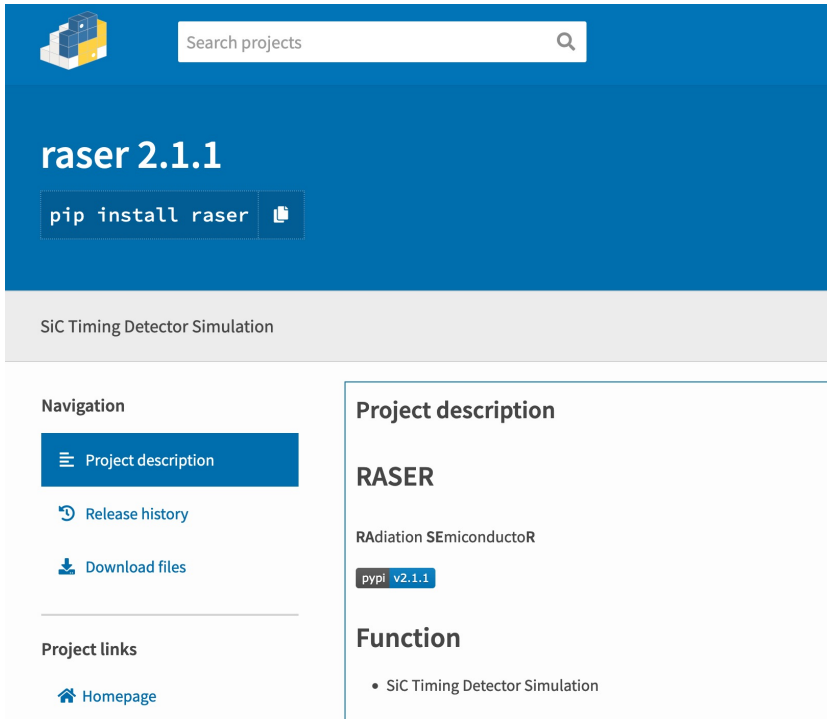
2021.09.12

LGAD-SiC 可能的竞争

- 来自美国的邮件，回复了我方开发开源SiC 时间探测器仿真模块 : https://pypi.org/project/raser/

发件人:"Carl Haber" <chhaber@lbl.gov>
发送时间:2021-09-08 07:31:17 (星期三)
收件人: yangtao@ihep.ac.cn
抄送: "Steve Holland" <seholland@lbl.gov>, "Philip Barletta" <pbarlet@ncsu.edu>, "Ben Sekely" <bjsekely@ncsu.edu>
主题: SiC LGAD research

Dear Dr Yang:
I am writing to you on behalf of my colleagues at North Carolina State University (NCSU) and at Lawrence Berkeley National Lab (LBNL) in the USA. We recently saw the slides from your presentation at the June 2021 RD50 workshop entitled "Time Resolution of 4H-SiC PIN and Simulation of 4H-SiC LGAD". Congratulations on this nice work.
Our group is also very interested in the potential of 4H-SiC LGADs and we agree with many of your conclusions. We are currently investigating sources of SiC wafers and processing alternatives to create low gain structures. We would certainly be pleased to have further discussions with your group going forward.



- 希望展开建设性的合理竞争，同时需要加快我们的研究进展。持续在RD50合作组会议报告进展。

项目建议指南

- 重大项目建议
  - 与所科研处沟通，建议通过中心统一协调
- 所创新项目指南建议
  - 已经过中心领导初步同意，提交了申请。 周一再次确认。

实验物理中心所创新项目指南登记表

类别（三选一：前瞻部署研究、探索性研究、重大装置工程预研）**类别详细介绍请见下部“提示”**	**探索性研究**
申请项目名称	抗辐照宽禁带半导体快时间探测器研究

9月份月会安排

- Doodle result: https://doodle.com/poll/x9i787ibxvd2muv8
  - 9/28 周二 下午14：00-16：00 ？
  - 邹老师 DLTS 专题，各方进展等

