



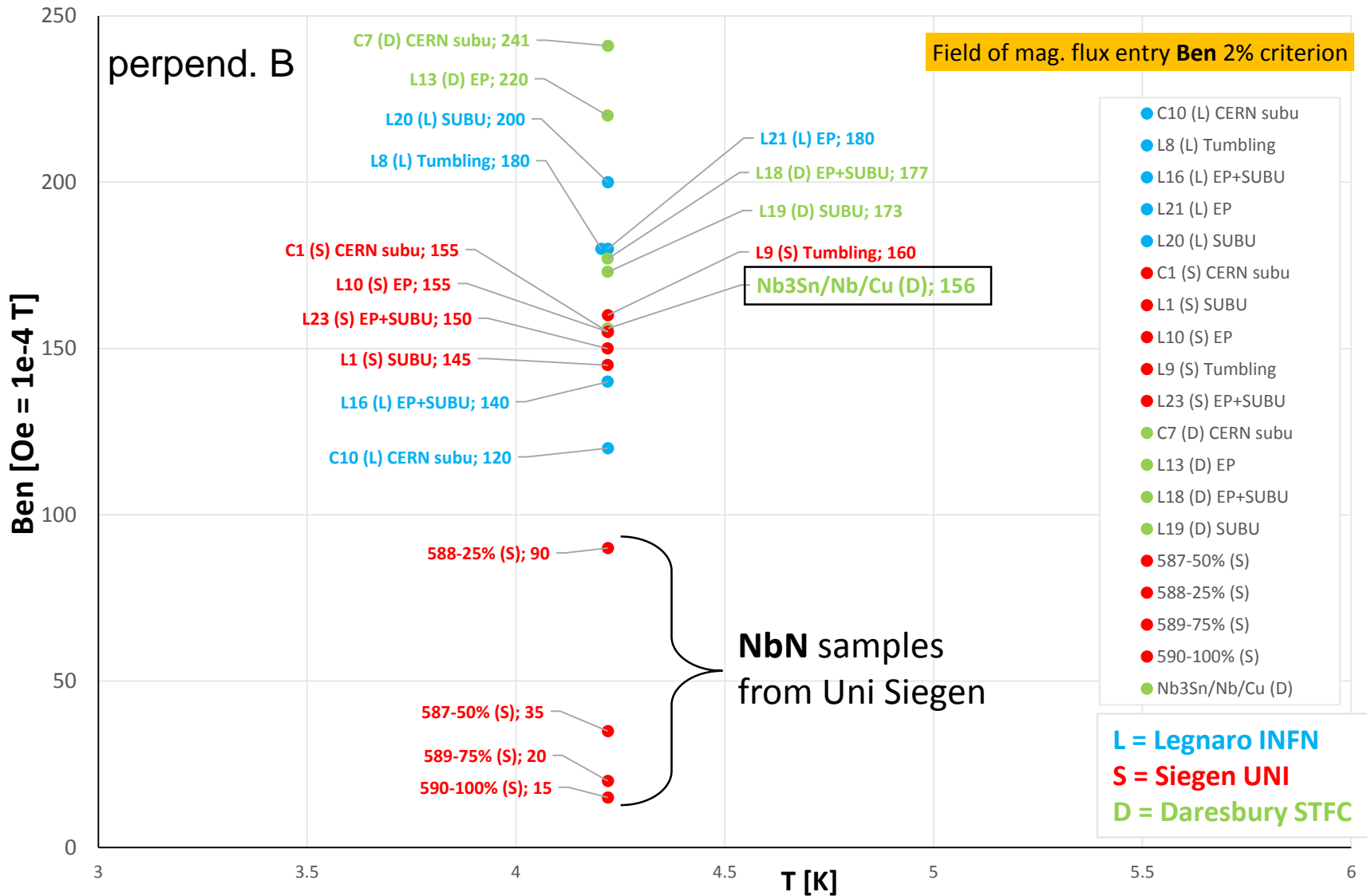
Institute of Electrical Engineering SAS

Eugen SEILER

SC characterization @ IEE Bratislava

ARIES WP15

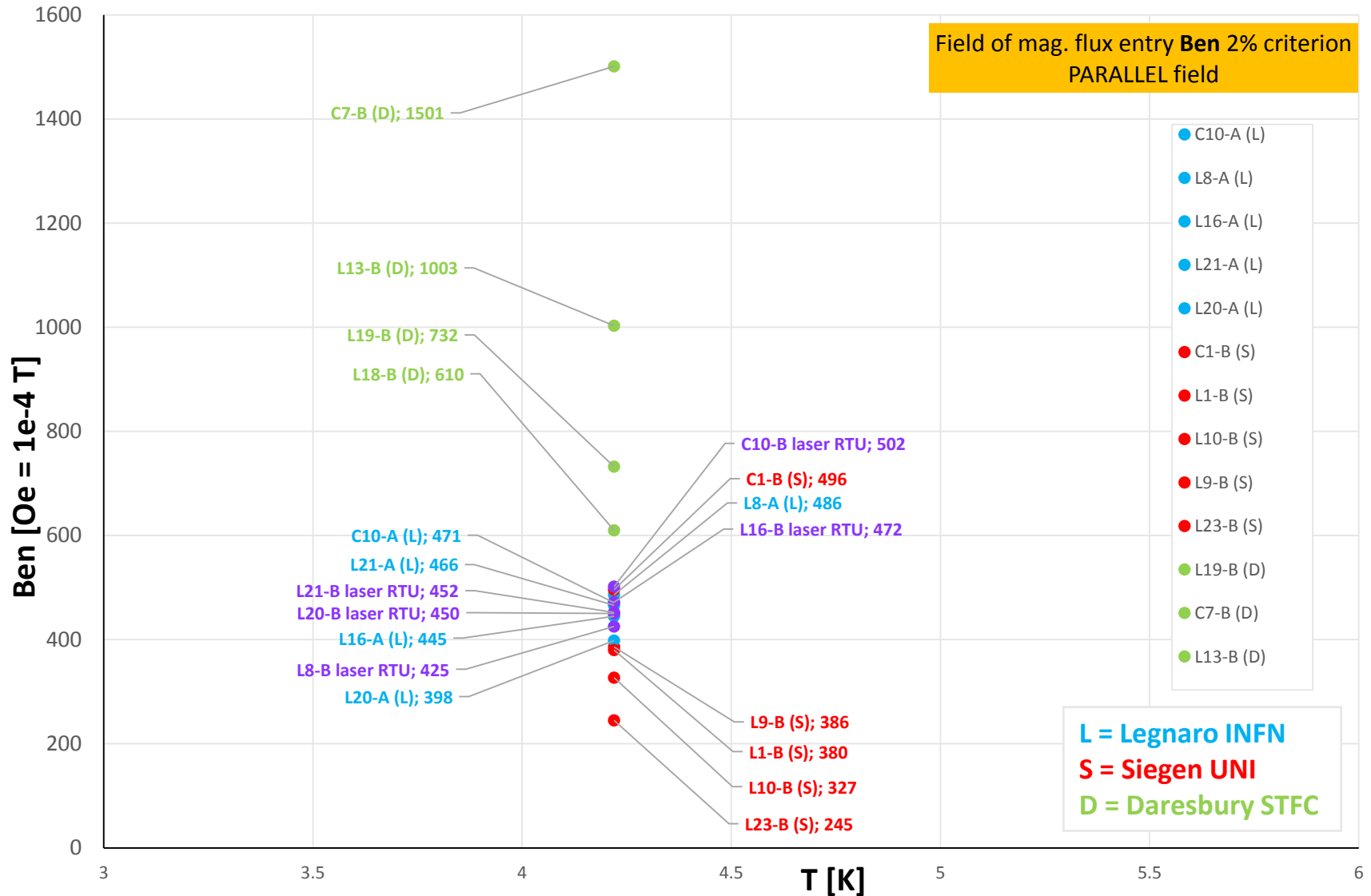
(Nb), NbN and Nb3Sn samples' characterization



NbN Siegen – $T_c \sim 7-8$ K ??? (textbooks ~ 16 K) – *but*
 measured in DC magnetization ($B_{dc} = 2$ mT), want to re-check in AC...

in PARALLEL field

2x2 mm² samples (Nb only yet)



B||face precision ?? (couple of deg's maybe)

PPMS (Physical Property Measurement System)

- Starting approx. in the week of 20. February
- some interruptions foreseen due to maintenance

3rd harmonic voltage measurement

- Defective transistor in linear amplifier identified
- Acquiring a new amplifier

final slide