



PHOENIX WP 2 – CO-SPUTTERING OPTIMIZATION FOR QPR TESTS – Nb_3Sn DARMSTADT

ATFT (Advanced Thin Film Technology)

- **Comparison of SC coatings prepared by different methods: co-sputtering, Bronze route**



- **Proof of concept: Nb₃Sn on copper with high T_c and suppressed Cu diffusion.**

Simulation
Uni Rostock,
TEMF

- **Past experience: magnetron co-sputtering process of different objects (small flat test samples, HOM antenna)**

Direct Cu coating with high- T_c material can now be realized!

- 1 Postdoc
- 1 PhD
- No invest