3. Annual MT Meeting



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Development of superconducting undulators

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Since several years, KIT IBPT and the industrial partner Babcock Noell GmbH (BNG) are collaborating to develop superconducting undulators for ANKA and low emittance light sources.

The first full length device with 15 mm period length has been successfully tested in the ANKA storage ring for one year. The next superconducting undulator has a period length of 20 mm(SCU20) and is planned to be the source of the NANO beamline at ANKA. The cryostat has been manufactured, the beam vacuum chamber and the superconducting coils have been successfully tested.

Topic (ARD or DTS)

ARD

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