

**Current positions**

Group Leader for “Design, Analyses, Fabrication of High Thermal Loaded Components” at the Institute of Neutron Physics and Reactor Technology in KIT;
KIT Task Force Leader for Blanket activities;

Scientific degree

Dr.-Ing. (PhD) in Mechanical Engineering, University of Karlsruhe (1990)

Recent research topics

In-vessel Components Design; Blanket; Divertor; Safety; Fusion Plant Lay-out

Awards, honors, memberships

Member of ISFNT Steering Committee and SOFT International Organizing Committee; Project Leader of the Breeding Blanket Work package in EUROfusion; Project Leader TBM Consortium

Publications (5 most important)

- **L.V. Boccaccini et al.**, Objectives and status of EUROfusion DEMO blanket studies, *Fusion Eng. Des.*, 109–111 (2016) 1199-1206, [doi:10.1016/j.fusengdes.2015.12.054](https://doi.org/10.1016/j.fusengdes.2015.12.054).
- **L.V. Boccaccini, D. Demange, U. Fischer, W. Hering**, Chapter 4: Power Extraction and Tritium Self-Sufficiency, in “Magnetic Fusion Energy: From Experiments to Power Plants”, edited by George Neilson, Woodhead Publishing (2016), ISBN: 9780081003152.
- L.A. El-Guebaly, **L.V. Boccaccini**, R.J. Kurtz, L.M. Waganer, Technology-related challenges facing fusion power plants, in “Fusion Energy and Power : Applications, Technologies and Challenges” edited by L. Romero, Nova Science Publishers, New York (2015), ISBN: 978-1-63482-548-1
- **L.V. Boccaccini**, Progress in EU Blanket Technology, *Fusion Sci. Technol.* 64-3 (2013) 615-622.
- **L.V. Boccaccini et al.**, Present status of the conceptual design of the EU test blanket systems, *Fusion Eng. Des.*, 86 (2011) 478-483.