

GIANFRANCO FEDERICI

Biographical sketch

Current position

EUROfusion Programme Manager responsible to the General Assembly for the overall top-level planning, coordination and implementation of the Consortium Work Plan and its day-to day management.



Professional experience:

Academic background in nuclear engineering, applied plasma physics and fusion engineering/ reactor design. More than 30 years of professional experience in fusion reactor design and fusion enabling technology developments. Areas of expertise include tokamak design and integration, plasma-facing component, plasma-material-interactions, breeding blanket design, magnets etc. Strong record of management (human and financial) resources and technical oversight responsibilities in various complex, cross-functional projects and technology development environments. Strong scientific track record. Main achievements and scientific contributions on various topics of fusion physics and fusion engineering are described in ~250 publications - of which ~40 as main author - in peer-refereed scientific journals (h-index: 57) some of which have impacted the field and constitute a body of work of broad recognised value. International recognition in scientific and management skills is also demonstrated by several important international awards and by invitations to provide keynote speeches in many international conferences or to serve in committees of various conferences/ workshops/ design reviews.

Education:

Ph.D. in Nuclear Engineering 1989, University of California, Los Angeles (USA); MS in Nucl. Eng., 1988, University of California, Los Angeles (USA); Degree in Nucl. Eng., 1985, Polytechnic of Milan, (Italy).

Professional Distinctions:

- Fusion Power Associates (FPA) Leadership Award (2019);
- Fellow of the American Nuclear Society (2008);
- Outstanding Technical Accomplishment Award - ANS Fusion Energy Division (2002);
- David J. Rose Award for Excellence in Fusion Engineering - FPA (2000).

Publications:

More than 250 publications in peer-refereed scientific journals of which more than 40 as a main author. Editorial Advisory Boards of the journals: Nuclear Fusion, Fusion Engineering and Design.

Current Address:

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