

ANNEX A — SCIENTIFIC GUIDELINES FOR AUTHORS

1. Papers must present original and previously unreported work on any of the conference topics listed below. In particular, papers on subjects covered by the same authors at previous IAEA conferences must only present results obtained since those already reported, and this should be indicated in the extended synopsis.

2. The Programme Committee will base its decision to include papers in the conference on the two-page extended synopsis provided by authors. This should therefore outline, in sufficient detail, the purpose of the work and the results obtained.

3. The Programme Committee encourages papers that cross the boundaries of one topic area. Therefore, authors are permitted to specify more than one topic.

4. General engineering work not specific to thermonuclear fusion should not be submitted for this conference. Research and development results (example: fabrication of a specific component) should be put in the context of what is required for fusion in general and should include what the challenges are, why some solutions were chosen and what the implications are.

5. Topic areas:

- **OV** Overviews
- **EXC** Magnetic Confinement Experiments: Confinement
- **EXS** Magnetic Confinement Experiments: Stability
- **EXW** Magnetic Confinement Experiments: Wave–plasma interactions; current drive; heating; energetic particles
- **EXD** Magnetic Confinement Experiments: Plasma–material interactions; divertors; limiters; scrape-off layer (SOL)
- **THC** Magnetic Confinement Theory and Modelling: Confinement
- **THS** Magnetic Confinement Theory and Modelling: Stability
- **THW** Magnetic Confinement Theory and Modelling: Wave–plasma interactions; current drive; heating; energetic particles
- **THD** Magnetic Confinement Theory and Modelling: Plasma–material interactions; divertors; limiters; SOL
- **PPC** Plasma Overall Performance and Control
- **IFE** Inertial Fusion Experiments and Theory
- **ICC** Innovative Confinement Concepts
- **FIP** Fusion Engineering, Integration and Power Plant Design
- **FNS** Fusion Nuclear Physics and Technology
- **MPT** Materials Physics and Technology
- **SEE** Safety, Environmental and Economic Aspects of Fusion

6. Overview papers will be considered in the following categories:

- A review of studies in one of the above topic areas;
- An overview of significant results from a facility.

7. If a result described in one paper depended on significant advances in diagnostic capabilities, the diagnostic technique may be discussed as part of the paper.

8. The following guidelines can be followed to determine whether papers including discussions of new fusion concepts should be submitted under EX-, TH-, or ICC. If the purpose of the paper is primarily to expose a new fusion concept, it should be identified as ICC even if a moderate amount of theory and/or data are included. If a paper primarily presents new theory, it should be identified as TH-. If it primarily presents new experimental results, it should be identified as EX-. The Programme Committee may indicate an appropriate topic for the paper in cases of ambiguity or mismatch.