

Subcommittee Name:

Spatially Fractionated Radiation Therapy (SFRT) Subcommittee

Co-chairs

| Name            | Country | Term started | Term ends* |
|-----------------|---------|--------------|------------|
| Heng Li         | USA     | Jun/1/2025   | Jun/1/2028 |
| Yolanda Prezado | Spain   | Jun/1/2025   | Jun/1/2028 |
| Shuanghu Yuan   | China   | Jun/1/2025   | Jun/1/2028 |

*\* The term of office is 3 years and may be renewed once, for a maximum total service of 6 years. It is recommended that the 3 co-chairs come from 3 different continents (America, Asia, Europe). To ensure continuity, it is recommended that the co-chairs step down on a staggered basis following their first three-year term.*

Subcommittee Achievements (e.g. white papers, publications, workshops, ...) – max 2,000 characters including spaces

- Organized the PTCOG 2026 Particle SFRT Subcommittee in-person scientific session, with three invited presentations on clinical proton lattice implementation, SFRT activities in China, and emerging directions in particle SFRT.
- Convened an international discussion on particle-specific standardization, terminology, dosimetric reporting, data sharing, and multicenter collaboration.
- Supported dissemination and discussion of the global SFRT practice survey to characterize implementation approaches, technical variation, and barriers across centers.
- Defined priority initiatives for 2026–2027, including a particle-specific white paper/perspective, an international planning and dosimetry benchmark study, harmonized reporting standards, and a 2027 particle SFRT workshop.
- Established follow-up directions for collaborative clinical proton lattice/GRID studies and preclinical/translational particle minibeam research.

If yes, please describe the planned activities and goals for the next 3 years – max 2,000 characters including spaces

- Develop a particle-specific PTCOG white paper/perspective defining the current evidence, particle-specific considerations, and priorities for clinical translation.
- Advance harmonized terminology, planning approaches, dosimetric parameters, and a minimum reporting dataset for particle SFRT.
- Conduct international planning and dosimetry benchmark studies using common cases and harmonized evaluation metrics.
- Use results of the global SFRT practice survey to identify implementation patterns, technical variation, and priorities for standardization.
- Facilitate multicenter clinical proton lattice/GRID collaboration and focused preclinical/translational particle minibeam studies.
- Develop a PTCOG particle SFRT workshop for 2027 to bring together clinical, physics, and translational groups.

Please circulate this form to all subcommittee members and once agreed upon by the subcommittee submit it to: [secretariat@ptcog.online](mailto:secretariat@ptcog.online) (cc: [m.durante@gsi.de](mailto:m.durante@gsi.de)) within:

**August 30, 2026**

Please attach the list of subcommittee members (name and country).

The information contained in this form and the list of members will be uploaded on the webpage of your subcommittee (see: <https://ptcog.online/subcommittee/>).