



International
Cancer
Expert Corps



SCMPCR HW 09: Advances in Contemporary Cancer Care: Integrated Radiotherapy Practice for Medical Physicists and Radiation Oncologists

8 to 11 April 2026

Program Schedule

| Day 1: Wednesday, 8 April 2026 | | |
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| Time (BD Time) | Programme | Speaker |
| 08:30-09:00 | Registration | |
| 09:00-10:00 | Inauguration (TMSS, SCMPCR) | |
| 10:00-10:30 | Hi-Tea | |
| 10:30-11:30 | Medical & Clinical Aspects of Tomotherapy. | Dr. A. Z. M. Sumsuzoha Md. Motiur Rahman |
| 11:30-12:30 | The Physical and Technical Aspects Of Tomotherapy Mechines: How Tomotherapy is Different from Conventional Radiotherapy Machine. | Dr. Raju Srivastava |
| 12:30-13:30 | Multimodality Imaging Integration (CT–MRI–PET) for Precise Target and OAR Delineation | Dr. Robert Semrau |
| 13:30-14:30 | Lunch Break | |
| 14:30-15:30 | Why Internal Tumor Motion Matters in Radiotherapy? | Dr. Raju Srivastava |
| 15:30-16:30 | Artificial Intelligence in Radiation Medicine | Dr. Leonard Wee (Online) |
| 16:30-17:30 | Adaptive Radiotherapy: Rigid & Deformable Image Registration for Clinical Applications | Dr. med. Robert Semrau |
| Day 2: Thursday, 9 April 2026 | | |
| 09:00-10:00 | SBRT Protocols for Head-Neck & Pelvis | Prof. Dr. Ben Vanneste |
| 10:00-11:00 | Paradigm Shift in Radiotherapy: A Comparative Analysis of Surface-Guided versus Marker-Based Patient Positioning | Kanchan Sarga Nyaichyai |
| 11:00-11:30 | Radiobiological Considerations in Hypofractionation, SRS, and SBRT: Clinical Implications for Planning and QA | Dr. med. Robert Semrau |
| 11:30-12:30 | Coffee Break | |
| 12:30-13:30 | Dosimetry, QA & Planning for Total Body Irradiation (TBI) Technique | Prof. Dr. Golam Abu Zakaria |
| 13:30-14:30 | Lunch Break | |
| 14:30-15:30 | Head And Neck Contouring: Delineation For SRS, SRT and SBRT Cases and Associated Issues | Dr. S. Ghosh Laskar (Online) |
| 15:30-16:30 | Commissioning and Routine QA for Tomotherapy | Kanchan Sarga Nyaichyai |
| 16:30-17:00 | Contouring of Breast and Pelvic Malignancies: Target Volumes, Nodal Regions, and Organ-at-Risk Delineation | Dr. med. Robert Semrau |



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Day 3: Friday, 10 April 2026

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| 09:00-11:00 | Group-A: Practical: Contouring for Radio Oncologists | Dr. Robert Semrau & Prof. Dr. Ben Vanneste, Radio Oncologists |
| 09:00-11:00 | Group-B: Practical: Tomotherapy Commissioning & Routine QA for Medical Physicist | Medical Physicist Assist. Prof. Kanchan Sarga Nyaichyai |
| 10:00-11:30 | Coffee Break | |
| 11:30-13:30 | Group-A & B: Practical: Plan Evaluation | Medical Physicist & Radio Oncologist |
| 13.30-14:30 | Lunch Break | |
| 14:30-15:30 | Table Discussion (Four groups consist of 10 participants) | Medical Physicist & Radio Oncologist |
| 15:30-16:30 | | |

Day 4: Sunday, 11 April 2026

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| 10:00-11:30 | Examination followed by evaluation | Prof. Dr. Golam Abu Zakaria Dr. Raju Srivastava Prof. H.A. Azhari |
| 11:30-12:00 | Coffee Break | |
| 12:00-13:00 | SCMPCR: Education, Training and Research | Prof. H.A. Azhari |
| 13:00-14:30 | Lunch Break | |
| 14:30-15:30 | Certificate Distribution and Closing Ceremony | TMSS/SCMPCR |