



# BIR ANNUAL RADIOTHERAPY AND ONCOLOGY MEETING 2021

17–19 March 2021  
Virtual event



#BIRTO21

RCR CPD accredited

# BIR ANNUAL RADIOTHERAPY AND ONCOLOGY MEETING 2021

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This is a virtual inaugural meeting for the BIR bringing together national and international experts sharing experiences and expertise in a very wide range of aspects for today's cutting-edge radiotherapy and oncology. The latest techniques, technologies, methods and issues will be discussed in this comprehensive meeting taking place over two days. Opportunities aplenty for networking with fellow professionals and discussing the latest offerings from manufacturers.

## Who should attend?

This event will appeal to anyone working within radiotherapy and oncology including clinical oncologists, radiographers, physicists, service managers, Linac and IT engineers, dosimetrists, manufacturers and department heads.

## Five reasons to attend

1. Enhance your knowledge
2. Hear expert opinion and share your own
3. Refresh your understanding
4. Share your own research
5. Network with colleagues, peers and industry representatives

## CPD credits

The full event is worth up to 11 CPD credits in total:

Day 1 = 3 CPD credits

Day 2 = 3 (AI) and 2 (MRgRT) CPD credits

Day 3 = 3 CPD credits

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## ePosters

There will be electronic posters in an online format, which can be viewed anytime from a computer, laptop or mobile device.



## Headline sessions

### Plenary lecture

Professor Jean Bourhis  
Chief of Radiation Oncology Service  
Lausanne University Hospital (CHUV)  
Wednesday 17 March 13:30



### Plenary lecture

Professor Michael Baumann  
Chairman and Scientific Director  
German Cancer Research Centre  
Thursday 18 March 13:05



### Plenary lecture

Professor Heidi Probst  
Professor of Radiotherapy and Oncology  
Sheffield Hallam University  
Friday 19 March 13:05



# Wednesday 17 March

## Particle therapy Manufacturer session

13:00 **Welcome and introduction**

13:30 **Plenary session: 'Flash radiotherapy'**  
Professor Jean Bourhis, Chief of Radiation Oncology Services, Lausanne University Hospital (CHUV)

14:30 **Break / ePoster viewing / Meet the sponsors**

15:00 **PBT trials in the UK – a systematic approach to evaluation**  
Professor Christopher Nutting, Professor of Radiation Oncology, The Institute of Cancer Research, London

15:30 **Title to be confirmed**  
Professor Markus Stock, Head of Medical Physics, MedAustron

16:00 **Title to be confirmed**  
Dr Andrew McPartlin, Consultant Clinical Oncologist, The Christie NHS Foundation Trust

16:30 **Break / ePoster viewing / Meet the sponsors**

### Session: Manufacturer

17:00 **Title to be confirmed**  
Speaker to be confirmed

17:15 **Title to be confirmed**  
Speaker to be confirmed

17:30 **Close of day**

# Thursday 18 March

Artificial intelligence / Machine learning / Big data

Manufacturer session

MRgRT

13:00 Welcome and introduction

13:05 **Plenary session: 'Radiation oncology in the era of personalised medicine'**  
Professor Michael Baumann, Chairman and Scientific Director, German Cancer Research Centre

14:05 Break / ePoster viewing / Meet the sponsors

## Session: Artificial intelligence / Machine learning / Big data

14:30 **AI for radiation oncology**  
Dr Kenji Takeda, Director of Health and AI Partnerships (Academic), Microsoft Research

15:00 **Title to be confirmed**  
Dr Gareth Price, Clinical Scientist, The Christie NHS Foundation Trust

15:30 **(Imaging) biomarker-driven strategies for a new hypoxia-activated prodrug CP-506**  
Professor Philippe Lambin, Head of Department of Radiation Oncology, Maastricht University

16:00 Break / ePoster viewing / Meet the sponsors

## Session: Manufacturer

16:30 **SunCHECK – the power of a radiotherapy QA platform**  
Mr Adrian Fleet, Clinical Application Specialist, Sun Nuclear

16:45 **Title to be confirmed**  
Speaker to be confirmed, Varian

## Session: MRgRT

18:30 **MRgRT – the radiographers perspective**  
Dr Helen McNair, Lead Research Radiographer, The Royal Marsden NHS Foundation Trust

19:00 **MR guidance in mainstream radiotherapy – clinician's perspective**  
Dr Charles Kelly, Clinical Oncologist, Northern Centre for Cancer Care

19:30 **MRgRT – the physics perspective**  
Professor Marcel van Herk, Chair in Radiotherapy Physics, University of Manchester

20:00 Close of day

# Friday 19 March

## Adaptive therapy Manufacturer session

13:00    **Welcome and introduction**

13:05    **Plenary session: ‘Why patient experience matters: Insights from research in radiotherapy and oncology’**  
Professor Heidi Probst, Professor of Radiotherapy and Oncology, Sheffield Hallam University

14:05    **Break / ePoster viewing / Meet the sponsors**

### Session: Adaptive therapy

14:30	<b>The RAIDER Trial – plan-of-the-day for bladder patients</b> Professor Robert Huddart, Lead of Clinical Academic Radiotherapy and Chief Investigator of RADIER Trial, Institute of Cancer Research
15:00	<b>Online adaptive treatments for pelvic tumours using CBCT – experience from Herlev Hospital</b> Lina Andersson, PhD Student, Technical University of Denmark (Herlev Hospital)
15:30	<b>Clinical applications of adaptive radiotherapy based on CBCT</b> Miriam Eckl, Department of Radiotherapy and Radiation Oncology, University Medical Centre Mannheim

16:00    **Break / ePoster viewing / Meet the sponsors**

### Session: Manufacturer session

16:30	<b>Title to be confirmed</b> Speaker to be confirmed
16:45	<b>Title to be confirmed</b> Speaker to be confirmed

17:00    **Close of event**

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The British Institute of Radiology

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