

BRITISH SOCIETY OF BREAST RADIOLOGY

Annual Scientific Meeting

Sunday 4th – Tuesday 6th November 2018

Hilton Newcastle Gateshead, UK



ORGANISING COMMITTEE

Dr Anthony Maxwell (Chair)	<i>Nightingale Centre, Manchester, UK</i>
Dr Sarah Vinnicombe (Vice Chair)	<i>Thirlestaine Breast Centre, Cheltenham, UK</i>
Dr Sheetal Sharma (Meetings Secretary)	<i>Royal Liverpool University Hospital, Liverpool, UK</i>
Dr Nisha Sharma (Secretary)	<i>Leeds Teaching Hospital, Leeds, UK</i>
Dr Julie Cox (Treasurer)	<i>City Hospitals, Sunderland, UK</i>
Professor Iain Lyburn (Research)	<i>Thirlestaine Breast Centre, Cheltenham, UK</i>
Dr Megan Bydder (Education & Training)	<i>Nightingale Centre, Manchester, UK</i>
Dr Jonathan Nash (Website)	<i>Portsmouth Hospitals, Portsmouth, UK</i>
Dr Tharsi Sarvananthan (Trainee Representative)	<i>Kent, Surrey & Sussex Radiology Training Scheme, UK</i>

PROGRAMME – SUNDAY 4th NOVEMBER 2018

BREAST IMAGING RESEARCH NETWORK WORKSHOP

VENUE: Hilton Hotel, Gateshead

Chair: *Prof Iain Lyburn, Thirlestaine Breast Centre, Cheltenham, UK*

12:30 – 14:00	REGISTRATION, LUNCH & EXHIBITION
14:00 – 14:10	Introduction & Welcome <i>Prof Iain Lyburn, Thirlestaine Breast Centre, Cheltenham, UK</i>
14:10 – 14:25	OPTIMAM: multisite image collection to optimise the adoption of new X-ray technology for detecting breast cancer – lessons learnt <i>Dr Mark Halling-Brown, Head of Scientific Computing, Royal Surrey County Hospital, Guildford, UK</i>
14:25 – 14:40	SMALL: A Phase III trial addressing overtreatment of small screen-detected breast cancer by comparing standard surgery versus new minimally invasive surgical excision <i>Mr Stuart McIntosh, Breast Unit, Belfast City Hospital, Belfast, UK</i>
14:40 – 14:55	Breast calcification - do fundamental chemical features possess diagnostic capability? <i>Dr Eleanor Cornford, Thirlestaine Breast Centre, Cheltenham, UK</i> <i>Prof Keith Rogers, Cranfield Forensic Institute, Cranfield University, Cranfield, UK</i>
14:55 – 15:10	Development of AI techniques and application in mammography <i>Dr Richard Sidebottom, Breast Unit, The Royal Marsden Hospital, London, UK</i>
15:10 – 15:25	Image guided tumour bed biopsies – the NOSTRA template <i>Dr Matthew Wallis, Cambridge Breast Unit, Cambridge, UK</i>
15:25 – 15:55	TEA, COFFEE, EXHIBITION & POSTER VIEWING

- 15:55 – 16:10** **CHERNAC: characterising early response to neoadjuvant chemotherapy with quantitative breast MRI**
Prof David Buckley, Division of Biomedical Imaging, University of Leeds, Leeds, UK
- 16:10 – 16:25** **The 100 000 Genomes Project - Implications for the future of breast cancer treatment and imaging research**
Prof Andrew Mumford, Clinical Director, West of England NHS Genomic Medicine Centre, UK
- 16:25 – 16:40** **A brief insight into Medical Academic Research in the USA - tales from Houston**
Prof Alastair Thompson, University of Texas MD Anderson Cancer Center, Houston, USA
- 16:40 – 16:55** **Deep Learning in Radiology**
Dr Peter Bannister, Executive Chair for Healthcare, Institute of Engineering and Technology, Stevenage, UK
- 17:00 – 18:00** **WELCOME RECEPTION DRINKS**
Conference Exhibition Hall, Hilton Newcastle, Gateshead
- 19:30** **WELCOME DINNER**
Pitcher & Piano, Newcastle upon Tyne

Menu

Starter:

Tomato & red pepper hummus, black olive tapenade & chives with toasted pitta (V)

Main:

Pan-fried salmon fillet with Bombay crushed potatoes and a mango & coriander dressing

Vegetarian Main:

Moroccan tagine with butternut squash, cauliflower, spinach, coriander, spring onion and giant couscous

Dessert:

Chocolate brownie with chocolate & caramel sauce, peanuts, soft meringue and Belgian chocolate & vanilla pod ice cream (V)

MONDAY 5th NOVEMBER 2018

- 08:00 – 09:00** **TEA, COFFEE, REGISTRATION & EXHIBITION**
- 09:00 – 09:15** **INTRODUCTION & WELCOME**
Dr Anthony Maxwell, BSBR Chair, Manchester, UK
- SESSION 1:** **CONTROVERSIES**
Chair: *Dr Sheetal Sharma, Royal Liverpool University Hospital, Liverpool, UK*
- 09:15 – 09:40** **The role of MRI in the pre-operative setting**
Dr Maxine Jochelson, Memorial Sloan Kettering Cancer Center, New York, USA
- 09:40 – 10:05** **Choosing wisely but not surgically**
Prof Alastair Thompson, University of Texas MD Anderson Cancer Center, Houston, USA
- 10:05 – 10:25** **Update on the age extension trial**
Prof Julietta Patnick, University of Oxford, Oxford, UK
- 10:25 – 10:40** **Discussion**
- 10:40 – 11:20** **TEA, COFFEE, EXHIBITION & POSTER VIEWING**
- SESSION 2:** **THE DIGITAL ERA**
Chair: *Dr Jonathan Nash, Queen Alexandra Hospital, Portsmouth, UK*
- 11:20 – 11:45** **Clinical studies with deep learning systems in mammography**
Prof Nico Karssemeijer, Radboud University Medical Centre, Nijmegen, Netherlands
- 11:45 – 12:10** **CAD, deep learning, rigor**
Dr Peter Kecskemethy, Kheiron Medical, London, UK
- 12:10 – 12:35** **Data Protection**
Ardi Kolah , Data Protection Officer (Europe), Hitachi Consulting, London, UK
- 12:35 – 12:50** **Discussion**
- 12:50 – 14:00** **LUNCH, EXHIBITION & POSTER VIEWING (including Q&A Session with Poster Authors)**
- SESSION 3:** **STAGING & RESEARCH**
Chair: *Dr Sarah Vinnicombe, Thirlestaine Breast Centre, Cheltenham, UK*
- 14:00 – 14:25** **Whole body staging**
Dr Maxine Jochelson, Memorial Sloan Kettering Cancer Center, New York, USA
- 14:25 – 14:45** **Round-up of national breast trials - treatment**
Prof Dan Rea, University of Birmingham, Birmingham, UK
- 14:45 – 15:05** **Round-up of national breast trials - imaging**

Prof Fiona Gilbert, University of Cambridge, Cambridge, UK

- 15:05 – 15:20** **Highlights from Research Workshop**
Prof Iain Lyburn, Thirlestaine Breast Centre, Cheltenham, UK
- 15:20 – 15:35** **Discussion**
- 15:35 – 16:15** **TEA, COFFEE, EXHIBITION & POSTER VIEWING**
'Blind Date' – opportunity for those looking for jobs to meet those who may have vacancies
- 16:15 – 17:15** **BSBR ANNUAL GENERAL MEETING**
- 19:30 – 00:00** **CONFERENCE RECEPTION & DINNER**
River Terrace, Baltic Centre for Contemporary Art

Menu

Starter:

Scottish Borders' Smoked Salmon, Heritage Potato Crisps, Spicy Greens (GF)

Vegetarian Starter:

Fresh, Seasonal Vegetable Soup, Herb Pesto

Main:

Slow cooked 100% Grass Fed Beef, Red Wine Sauce and Roast Onions, Served with sharing sides of seasonal vegetables and Carroll's Heritage Potatoes (GF)

Vegetarian Main:

Roasted Squash, Spinach & Ricotta Wellington, Caramelised Onions, Served with sharing sides of seasonal vegetables and Carroll's Heritage Potatoes

Dessert:

Sticky Toffee Pudding, Butterscotch Sauce, Ice Cream (V)

TUESDAY 6th NOVEMBER 2018

- 08:00 – 08:30** **TEA, COFFEE, EXHIBITION & POSTER VIEWING**
- SESSION 4:** **FUTURE DIRECTIONS**
Chair: Dr Megan Bydder, Nightingale Centre, University Hospital of South Manchester, Manchester, UK
- 08:30 – 08:55** **Complaints/Litigation**
Ms Caroline Pennels, Head of Legal Services, Gloucestershire Hospitals, Gloucester, UK
- 08:55 – 09:20** **Recent advances in medical oncology**
Prof Dan Rea, University of Birmingham, Birmingham, UK
- 09:20 – 09:45** **Are breast surgeons facing extinction?**
Prof Alastair Thompson, University of Texas MD Anderson Cancer Center, Houston, Texas, USA
- 09:45 – 10:00** **Discussion**
- 10:00 – 10:35** **TEA, COFFEE, EXHIBITION & POSTER VIEWING**
- SESSION 5:** **SCIENTIFIC PAPERS & CASE PRESENTATIONS**
Chair: Dr Nisha Sharma, Leeds Teaching Hospital, Leeds, UK
- 10:35 – 11:35** **Proffered papers**
- OL.03 (28)** 'Mucinous breast cancer: one disease or two?' *Andrew Evans*
- OL.01 (11)** 'Digital breast tomosynthesis versus digital mammography (FFDM) in younger symptomatic women' *Patsy Whelehan*
- OL.05 (35)** 'The impact of conversion to digital mammography on cancer detection and recall rates in the English NHS breast cancer screening programme: Analysis of 11.3 million screening tests' *Matthew Wallis*
- OL.04 (34)** 'An analysis of 11.3 million screening tests examining the association between recall, biopsy and cancer detection rates in the English NHS breast cancer screening programme' *Rosalind Given Wilson*
- OL.06 (62)** 'The relationship between breast screening readers' real-life performance and their associated performance on the PERFORMS scheme' *Yan Chen*
- OL.02 (25)** 'Opting into screening over the age of 70 years: Seeking evidence to support informed choice' *Sarah Savaridas*
- 11:35 – 12:30** **Views (and cases) from either side of the Tyne**
Dr Nerys Forester & Dr Carol Ellen Holmes/Dr Anju Nandhra, Royal Victoria Infirmary, Newcastle
Dr Alan Redman, Queen Elizabeth Hospital, Gateshead

12:30 – 13:30	LUNCH, EXHIBITION & POSTER VIEWING
SESSION 6:	CLOSING LECTURES & QUESTION TIME
	<i>Chair: Dr Julie Cox, City Hospitals, Sunderland, UK</i>
13:30 – 13:50	A tale of two systems <i>Prof Alastair Thompson, University of Texas MD Anderson Cancer Center, Houston, Texas, USA</i>
13:50 – 14:10	Contrast mammography vs MRI <i>Dr Maxine Jochelson, Memorial Sloan Kettering Cancer Center, New York, USA</i>
14:10 – 14:20	Discussion
14:20 – 15:20	QUESTION TIME <i>Chair: Dr Anthony Maxwell, BSBR Chair, Manchester, UK</i>
15:20 – 15:35	TEA & COFFEE
SESSION 7:	EDUCATION
15:35 – 15:45	Poster Quiz Answers & Prize Introduction of RCR BSBR Professor <i>Dr Megan Bydder, Nightingale Centre, University Hospital of South Manchester, UK</i>
15:45 – 16:00	RCR BSBR Professor's Update <i>Dr Ruchi Sinnatamby, Cambridge, UK</i>
16:00 – 16:15	Academy Update <i>Dr Megan Bydder, Nightingale Centre, University Hospital of South Manchester, UK</i>
16:15 – 16:25	Other Prize Presentations & Closing Remarks <i>Dr Anthony Maxwell, BSBR Chair, Manchester, UK</i>
16:25	Conference Closure