



BMUS 

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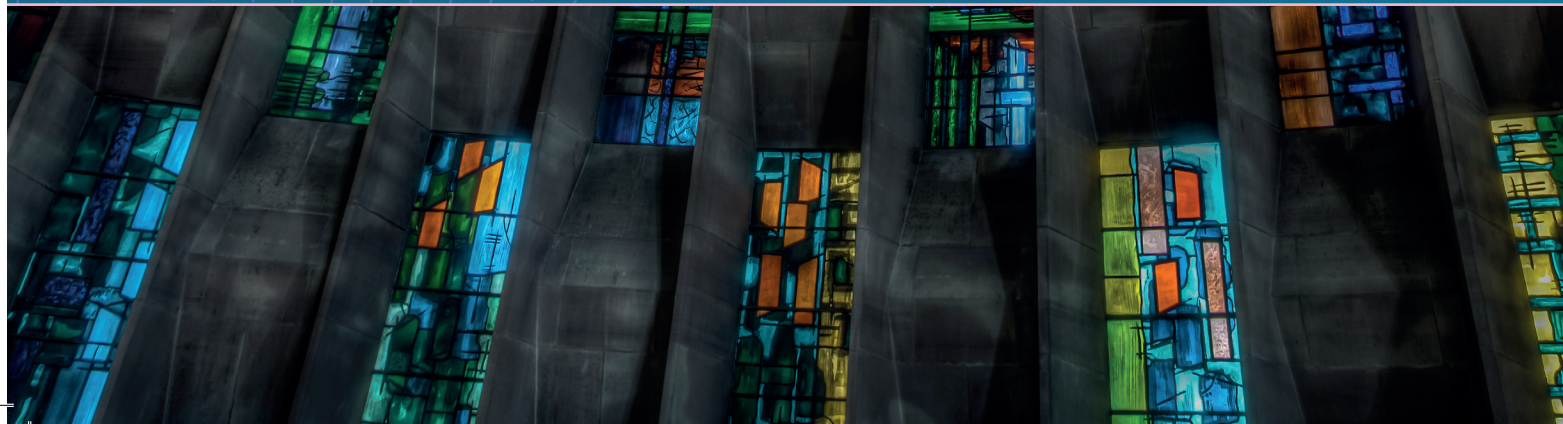
CALL FOR PAPERS AND PRELIMINARY PROGRAMME

ABSTRACT SUBMISSION
DEADLINE 31ST JULY 2024

55th Annual Scientific Meeting of the British Medical Ultrasound Society

ULTRASOUND
10th - 12th December
Coventry Building Society Arena
Coventry **2024**

Working
together for
better services





Hi everyone! My name is Shaunna Smith and I'm the Chair of the Scientific Organising Committee for this year's Annual Scientific Meeting, Ultrasound 2024. We are over the moon to be holding this year's ASM in the Historic and Multicultural city of Coventry, from Tuesday 10th to Thursday 12th December.

As ultrasound expands into an ever-wider range of clinical applications and the healthcare we provide is rapidly changing around us, we have chosen the theme of this year's meeting to be "working together for better services". The theme this year hopes to give delegates a more rounded knowledge of where ultrasound fits into the wider fields of those who access ultrasound services and how ultrasound can be used to improve outcomes for its users and service users.

I thoroughly enjoyed the variety of talks at the 2023 meeting in York from all invited speakers and proffered papers. The posters presented were the piece de resistance, adding additional excellent educational resources. I hope this year we can bring you all a similar standard of education.

I encourage all of you to share your work with us! Do you have examples of a great service? Interesting cases? A different way of working? An exciting piece of research? If so please submit those engaging, high-quality abstracts between now and the summer via the website so we can put the programme together with a good mix of invited and proffered contributions. Remember – all attendees that have had an

abstract accepted for inclusion at the ASM pay a discounted registration fee!

Putting the ASM together is not a solo task and I would like to thank the following colleagues for their contribution to the conference and working incredibly hard to make it a success: Dr Peter Cantin, Mrs Catherine Kirkpatrick, Miss Gill Harrison, Professor Peter Hoskins, Dr Sian Curtis, Mrs Ellen Dyer, Mrs Terry Humphrey, Professor Carmel Moran, Professor Bob Jarman, Dr Jeannette Kraft, Ms Sally Edgington, Mrs Tanyah Ewen, Mrs Angie Lloyd-Jones, Mr Mark Charnock, Ms Amanda Parry, Dr Rita Phillips, Mrs Ruth Reeve, Mr Stephen Savage, Miss Alison Smith, Mrs Lucy Magilton-Griffin, Mrs Pam Parker, Mr Antonio Sassano, Dr Simon Freeman and Professor Gail ter Haar. Thank you to all of you for your continual hard work behind the scenes and your wide-ranging expertise in various clinical specialisms.

I very much look forward to welcoming all of you, our speakers, organisers, delegates and exhibition support team, to the meeting in Coventry in December!

Miss Shaunna Smith
Chair of Scientific Organising Committee

ABSTRACT SUBMISSION TIMELINE

31st July 2024 – Submission Deadline

This date is the deadline for Abstracts submitted via the website.

30th August 2024 – Abstract Judging

All stream leads will have completed their assessments of each submitted abstract.

13th September – Author Notification

We aim to notify all abstract authors by this date if they have been successful.

30th September – Early Bird Registration Closes and BMUS Champion of the Year Nomination Deadline

Both should be submitted via the website.

20th October – All submission authors should have registered to attend

Successful abstract authors should register by this date.

To present your work, there is a fee of £150. This covers a single day's attendance at the conference.

Please note that all abstracts selected to be presented need to either register to attend at least one day or pay the presentation fee.

PLENARY 1	PLENARY 2	PLENARY 3	PLENARY 4	PRACTICAL
General Medical and Paediatrics	Head and Neck	Ultrasound Physics	Student, Trainee and Early Career	
The general medical stream this year will follow the usual principles of lecture-based education delivered by established experts in their subject matter as well as proffered papers highlighting new research, innovations and case studies. The general strapline of the conference 'working together for better services' highlights the multi-disciplinary nature of healthcare and diagnostics. To this end, this stream will be directed at both the specifics of diagnostic ultrasound alongside how these fit into the wider patient journey.	The Head and Neck session will embrace the conference theme of working in collaboration and how it benefits the patients. It will explore the more unusual pathologies and cover topics that enhance the everyday practice of ultrasound practitioners.	This session will cover collaborative work involving physics/engineers and clinicians/biologists in which there is development of ultrasound techniques for clinical and preclinical application. Examples include 3D ultrasound, elastography, contrast-based techniques, improved velocity measurement, photoacoustics and other optically based ultrasound techniques, therapeutic techniques.	The aim of this BMUS-focused day is to enhance the students', trainees' and newly qualified sonographers' knowledge and understanding of the professional and clinical issues surrounding ultrasound practice to prepare them for their careers in the rapidly changing landscape of ultrasound. If you are a student or trainee, and have been involved with some interesting initiatives of clinical application, for example evaluated new technology, explored professional issues regarding sonography or even seen some unusual case, we would like to hear from you. Alternatively if you have recently completed your MSc project, an audit or a service evaluation, the BMUS Training Stream is an ideal platform for you to present your work and share good practice with your peers. This is also a great opportunity to develop and enhance your presentation skills in a safe and supportive environment and get feedback if you intend to publish your work. Supervisors, mentors and managers are asked to actively encourage and support their students and trainees to proffer papers for this conference.	
	Transforming ultrasound education and the four pillars of practice	Ultrasound Physics		MSK Lower Limb
	Ultrasound education has developed considerably over the past decade, with alternative routes, methods of training and trainers. This session will look at how we can become more creative with education delivery and what we can do to support individuals beyond qualification. The domain of education and research is discussed.	This session will cover recent developments in ultrasound beam characterisation and metrology for different clinical applications. Examples include new sensors and materials for acoustic field characterisation, simulation in different tissues, developments at higher frequencies, standardisation and safety.		Practical workshops are aimed at beginner and intermediate MSK sonographers who require top tips and tricks to ensure optimal imaging. Each station will have an experienced sonographer to help delegates practice and build on patient positions, ultrasound techniques and recognise complex anatomy.
				MSK Upper Limb
				Practical workshops are aimed at beginner and intermediate MSK sonographers who require top tips and tricks to ensure optimal imaging. Each station will have an experienced sonographer to help delegates practice and build on patient positions, ultrasound techniques and recognise complex anatomy.
16.00 Donald MacVicar Brown Keynote Lecture				

PLENARY 1	PLENARY 2	PLENARY 3	PLENARY 4	PRACTICAL
Early Pregnancy	Challenges & barriers in MSK ultrasound	Young Investigators	POCUS	Interventional
This early pregnancy session includes the ultrasound appearances of non-tubal ectopic pregnancies and considers the pitfalls in the diagnosis of miscarriage. Management and research in recurrent miscarriage clinic will be presented.	The increased demand for MSK ultrasound examinations has led to the need for high-quality training, education and mentorship. Highly experienced speakers will give their own personal insights into MSK ultrasound training and the importance of a thorough and unequivocal ultrasound report.	During this session, up to 6 short-listed oral papers from submitters under the age of 39 will battle it out to win the title of BMUS Young Investigator 2024 and the prize of representing the UK at the EUROSON 2026 Congress in Lublin, Poland. Further details can be found on the awards page.	A clinically orientated session on using POCUS for patients presenting with undifferentiated abdominal pain. This has become a popular area for POCUS practice as abdominal pain is very prevalent. What should users be scanning for and what is the evidence supporting practice?	Introduction to intervention covering the basic principals, FNA, Core biopsies, drainage. The biopsies will include superficial and liver.
Gynae-oncology	Rheumatology Revisited	AxREM Session	POCUS	Breaking Bad News
This session aims to enhance sonographers' skills in assessing and managing ovarian and uterine cancer. It will cover recognising common ovarian tumours, discussing the impact of HRT on the post-menopausal uterus, and introducing new techniques for detecting uterine endometrial cancer.	This session highlights the growing significance of musculoskeletal ultrasound in diagnosing and managing rheumatological conditions. It covers recent advancements in inflammatory arthropathy, less common ultrasound-guided interventions, establishment of a giant cell arteritis service, and the impact of ultrasound reports on patient treatment and management.	This session will be put together by our Industry experts. More details will be available at a later date.	Our next session will cover Developing POCUS Practice with some great potential speakers and themes. Topics will include community POCUS and online POCUS clubs.	Interactive breaking bad news session. With role play and advice on breaking bad news well.
The role of ultrasound in sub-fertility	Trials & tribulations of soft tissue masses	Vascular	ThUNDDAR Session	Liver Doppler
The role of ultrasound in the management of the sub-fertile patient is the focus of this session. Advanced techniques used in IVF will be presented. The uterine and endometrial pathology that impact on sub-fertility and the patient journey will be discussed with the aim of informing practice in this specialism.	The assessment of soft tissue masses is always a topical subject in musculoskeletal ultrasound. This session focuses on ultrasound techniques, image interpretation and pitfalls, including how to stay out of trouble! The reporting of soft tissue masses and a specialist insight from the Sarcoma MDT are discussed.	These vascular sessions highlight the collaboration of vascular services with other medical specialties for enhanced patient care. Vascular scientists engage with renal, stroke, rheumatology, diabetic, orthopaedic, and paediatric services and play a crucial role in diagnosing and treating various diseases across these specialties.	Information on this stream will be available at a later date.	This workshop offers essential training in liver ultrasound and Doppler techniques for general practitioners. Participants will gain hands-on experience in segmental liver anatomy imaging and mastering liver Doppler techniques. Expert faculty will also provide updates on HCC screening.
Acute Gynaecology	From top to bottom ... the lower limb explored!	The session will explore vascular ultrasound's role in evaluating dialysis access, giant cell arteritis, diabetic foot conditions, and paediatric transcranial duplex for sickle cell disease. Additionally, it will address enhancing community-based connections to enhance patient access to vascular services.	ThUNDDAR Session	POCUS
The final session considers the role of ultrasound and other imaging techniques in the management of the patient attending the emergency gynaecology unit. The diagnosis of pathology will be discussed in addition to tips on report writing when the ultrasound diagnosis may be unclear.	The increased demand for MSK ultrasound examinations has led to the need for high-quality training, education and mentorship. Highly experienced speakers will give their own personal insights into MSK ultrasound training and the importance of a thorough and unequivocal ultrasound report.		Information on this stream will be available at a later date.	This session will offer a top class selection of POCUS hands-on masterclasses delivered by our expert faculty.
19.00 Winter Ball				

Wednesday 12th December 2024

PLENARY 1	PLENARY 2	PLENARY 3	PLENARY 4	PRACTICAL
Working together to meet the requirements of the Saving Babies' Lives care bundle	Supporting managers in the face of changing education	Wellbeing	Veterinary Session	Endometriosis
Meeting the requirements of the Saving Babies' Lives care bundle is one of the biggest challenges facing maternity services. During this session we will explore how we can work together to save babies lives.	With the ever-growing demand for ultrasound alongside a dwindling workforce, educators and trusts are continually trying to explore new routes for education and workforce expansion. This session will explore workforce challenges, innovative education delivery and leadership.	This year we launch a debut session which focusses on well-being for sonographers.	The Veterinary session will once again include a variety of interesting topics and case studies to enable vets and non-vet-trained ultrasound operators working within the veterinary profession to promote the safe and effective use of diagnostic ultrasound. We seek to promote high standards of clinical ultrasound practice and diagnostic confidence by inviting thought-provoking speakers from a multitude of clinical veterinary ultrasound backgrounds, including expert veterinary specialists, to share their experiences and invaluable clinical knowledge. We hope to empower multi-disciplinary professionals from both the Veterinary and Medical professions to come together to improve the quality and standards of small animal ultrasound practice.	In this session we combine experts and simulation to arm ultrasound users with the skills and knowledge to make assessing for deep infiltrative endometriosis less daunting. Delegates will be given opportunity to develop the practical skills for scanning in the posterior fornix and assessing for deep endometriosis nodules.
Working together with paediatrics services – renal conditions	Political health economics	Breast for the Generalist		
Unexpected findings identified during antenatal scans often require input from our paediatric colleagues. During this session, we will follow the pathway for antenatally diagnosed renal conditions and their post-natal outcomes.	The NHS continues to face increasing demands for its services. The way healthcare is delivered is rapidly changing in response with developments in screening pathways, two-week-wait pathways and faster diagnostic standards. This stream will explore these changes in health economy and service delivery.	This session is intended to provide insight into the specialist area of breast ultrasound which features an important part in breast assessment for both breast screening and symptomatic patients. During this session clinical experts will explore topics such as breast pathologies, guidelines, breast augmentation and axilla ultrasound within both a breast pathway and general ultrasound pathway. The session will be aimed for anyone currently practising or has an interest in breast ultrasound, working in either a dedicated breast unit or general imaging department.		
Working together with research	Accountability, taking responsibility & providing intelligent care	Ultrasound Quiz		
Research is key to improving pregnancy outcomes and our understanding of fetal development. During this session, we will hear from researchers and clinicians pushing the boundaries of our understanding of obstetric ultrasound. Including the use of: 2D and 3D ultrasound, fetal tracking technology and new screening techniques.	This session focusses on the elements of improving patient pathway and care safely, considering methods to ensure quality. During the session, the impact of clinical pathway changes, moving services away from traditional models of imaging and the implications of patient direct access to radiology reports will be reviewed and discussed.	Join us for a general ultrasound quiz. Aimed at ultrasound practitioners and trainees at all levels this quiz will be fun and instructive. It will consolidate existing knowledge and stretch delegates' diagnostic skills with some more complex cases. Prizes will be offered.		



BMUS Champion of the Year Award 2024

BMUS are delighted to be celebrating our members with the award of BMUS Champion of the Year 2024. This award supersedes the Sonographer of the Year and is more encompassing to our members.

The aim of this award is to celebrate the outstanding contributions made by BMUS members to the field of medical ultrasound, and BMUS asks for nominations for those who go above and beyond as well as being good at their job.

Submissions should be made via the BMUS website. The deadline for nominations is 30th September 2024. Suitable candidates should:

- Ensure that patients are placed at the heart of service delivery.
- Go above and beyond to develop and maintain excellence in their field of ultrasound.
- Support and inspire others.
- Encourage the education and development of others.

The winner will be announced at the Ultrasound Annual Scientific Meeting 2024 Winter Ball being held on 11th December in Coventry.



REASONS FOR PRESENTING YOUR RESEARCH AT ULTRASOUND 2024

- Successful paper/poster abstracts will be published as an online supplement with the Ultrasound journal and will be listed in PubMed Central.
- The successful paper/poster abstracts will be published in the final printed programme.
- The opportunity to win awards and prizes for the best poster or oral presentation.
- Highly discounted delegate fees to attend Ultrasound 2024 are offered to successful presenters.
- Presenters will have the opportunity to have their research published in full in the BMUS journal, Ultrasound.
- Oral presentations from presenters under 39 years of age will be automatically considered for the prestigious BMUS Young Investigator Session.
- Each presenter will receive a certificate from BMUS stating that their research, poster or case study was presented at the meeting.

BMUS Awards 2024

We are delighted to call for abstract submissions to be presented as a Poster, Oral or Case Study at Ultrasound 2024. Successful submissions will be automatically entered for our prestigious awards.

Best Oral Presentation

Accepted paper presentations are judged in terms of both scientific content and quality of presentation. The aim of the award is to support activities in the field of medical ultrasound that advance the work or personal development of the winner.

The winning presenters will be encouraged to submit their work for publication in the BMUS journal, Ultrasound, and to provide a short report showing how the award was used. The awards are decided once the conference has been concluded. Winners will be advised in January 2025 and will be announced in the BMUS Newsletter 2025.

1st prize: £200 plus complimentary
12 months' BMUS membership

Runner-up: £50 plus complimentary
12 months' BMUS membership

Poster Awards

The Poster Awards are presented to the best poster in the categories of:

- Scientific Poster
- Case Report Poster
- Clinical Poster

Posters are judged by the 2024 Scientific Organising Committee on both content and presentation style. The winning Poster Presentations will be announced at the Winter Ball on Wednesday 11th December.

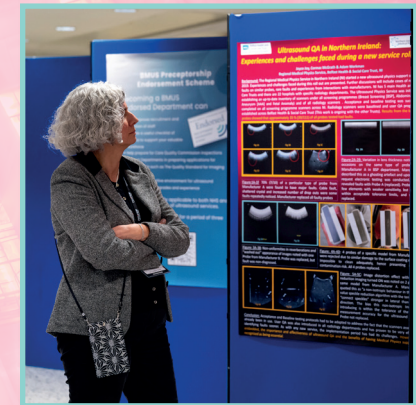
1st prize £100 plus 12 months BMUS
Membership for each category

BMUS Young Investigator Award

Chosen oral submissions from presenters under 39 years of age will be invited to take part in this session.

The winning presentation, selected by an esteemed panel of judges, will be awarded the prestigious title of 'BMUS Young Investigator 2024'. The winner of this award will be announced at the Winter Ball on Wednesday 11th December.

The winner will represent the UK at the EUROSON 2026 Congress, along with the 2025 winner. The Congress will take place in Lublin, Poland on 11–14th June 2026. At Euroson 2026 the British Young Investigator has the opportunity to win the 'European Young Investigator' title and one of the two possible cash prizes totalling €3000.





Join us to celebrate



Winter Ball *and* *Awards*

The Coventry Building Society Arena

Wednesday 11th December 2024

Tickets are priced at £45

Please register for the Winter Ball at the time of registering for the conference.
The Winter Ball will include dinner, the awards ceremony, dancing and entertainment.