



WORLD EXTREME MEDICINE CONFERENCE 2022

GUIDE

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The world's leading extreme medicine conference.



MARK'S MESSAGE

Thank you for downloading your complete guide to the World Extreme Medicine Conference 2022! You are one step closer to joining us in November and opening your career to the most influential extreme medicine conference in the world.

'Extreme Medicine' describes the practise of medicine in remote, inhospitable, and challenging environments.

The World Extreme Medicine Conference brings together like-minded medical, humanitarian, space and adventure professionals sharing their knowledge and expertise to improve patient outcomes in the most extreme situations.

The theme is 'Pushing Boundaries' to reference the physical and mental limits our speakers, exhibitors, delegates, and the full medical community continue to push through. Humanity is facing new challenges across environmental, political and socio-economic landscapes; aid, rescue and healthcare is having to adapt to these changes as we find that our daily lives are impacted by the fact that extreme is now everywhere.

Speakers at this year's conference include, British Maritime Explorer Mensun Bound, the CEO of Floating Doctors Ben LaBrot and Amazon Explorer Lucy Shepherd, with many more extreme medical mavericks, expeditioners and world thought-leaders being added to the list.

Push the boundaries of your medical career and join us this year 19-21 November 2022, where you can attend either in-person in Edinburgh or online from a field hospital, mountain top or the comfort of your own home.

I hope to see you there!

Professor Mark Hannaford DSc (Hon. Causa)

Founder World Extreme Medicine & WEM Conference

Honorary Associate Professor

Co-Founder, Postgraduate Masters Programme in Extreme Medicine, University of Exeter

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WORLD EXTREME MEDICINE

**THE WORLD'S LEADING PROVIDER OF EDUCATION, CONFERENCES,
COURSES AND MEDICAL SUPPORT IN EXTREME MEDICINE.**

5 REASONS TO ATTEND



NEW FOR WEM22

- Standard hands-on workshops included in Edinburgh ticket price*
- Digital experience tickets now just £149
- More content streamed than ever before across all stages

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*The 'Caught in a Terrorist Attack and the Ceilidh will incur additional charges.

1

World-renowned speakers – we attract an extraordinary selection of speakers who will share their extreme experiences in fascinating talks, explain field-proven techniques, promote new approaches and best practices, and inform and educate fellow medics about the key issues being faced today in the world of extreme medicine.

2

Themes – the conference brings together 14 extreme medicine themes into one venue: Expedition & Wilderness, Humanitarian & Disaster, Space & Aeronautical, Offshore & Ocean, Rescue & Pre-Hospital, Trauma & Emergency Medicine, Military & Tactical, One Medicine, Elite Sport & Performance, Technology & Innovation, Leadership, Research, Careers, Tales of Adventure.

3

Hands on experience – extreme medicine experts will deliver hands-on workshops offering field proven techniques to inspire and enhance your skills, helping you to become a more effective and highly valued practitioner of remote medicine.

4

Networking – where else can you meet face-to-face and share experiences with a diverse mix of world-renowned experts in their fields; from Arctic explorers to vascular surgeons, remote medics, to NASA & ESA personnel. Plus, the opportunity to converse with your peers and colleagues from around the world.

5

Further your career – enhance your knowledge and increase your skill set to ensure you are in the best position possible to further your medical career. The World Extreme Medicine Conference is accredited by the Royal College of Surgeons (Edinburgh) for 6 CPD credits per day.

DAY 1 - 19TH NOVEMBER

Learn from 80+ of the most convention-breaking, discipline-blending, boundary-shattering extreme medics.

MAIN BIOSPHERE STAGE	
Speaker	Session
Sunniva Sorby & Hilde Fålun Strøm	Extreme Citizen Science in the High Arctic
Michael Barratt	Practising Medicine in Space - NASA Panel Discussion
Charlie Fleury & Adam Baker	EmergenseaDuo
Lucille Chaveaux	MEDEVAC in French Polynesia
Caroline Leech	Communications Under Pressure
Fabien Shultz	Ethnopharmacology, Self-Medication in Chimpanzees & Mountain Gorillas
Ross Moy	Getting Right with Being Wrong
Alistair Harris & Dundar Sahin	Supporting First Responders in Countries Impact by Conflict
Martin Bromiley	When You Push the Envelope Make Sure You Have a Return Address

SALISBURY STAGE	
Speaker	Session
Ross Moy	Why Leadership is Overrated
Chad Hollingsworth	When the Extreme Comes to You
Erin Dailey Board	Providing Care in the Alaskan Arctic
Panel To Be Announced	Careers Panel Expedition
Ben Labrot	Don't put Your Foot in Your Mouth (Unless it's a Local Custom)
Beth	Conflict and healthcare in Myanmar; reflections on the impact on healthcare and healthcare workers

ONLINE STAGE	
Speaker	Session
Glenn Singlemann & Heather Swan	Pushing the Boundaries of Relationship
Rosie Baker	Lessons from Major Trauma on Expedition
Trevor Glass	Confined Space Medicine
Amos Nachoum	From Fear to Triumph

HUTTON STAGE	
Speaker	Session
Aaron Asay	Secret Medic.The Fight Against Child Slavery
Harrison Carter	Preventing Snakebites
Ffyon Davies	What Processes Exist for Reporting Accidents in a Mountain Environment?
Sindujen Sriharan	Cardiopulmonary Resuscitation in Space
Scott Johnson, Daniel Grace	Technology in Medicine Panel
Philip Keane	Aeromedical Retrieval in Northern Australia
Chris Monk	From Concerts to Carnivals - The front line of crowd medicine - St John Ambulance

Klara Weaver	Re-entry: Coping with the Post-Expedition Blues
Steve Jones	Safety on Expeditions

CLASSROOM	
Speaker	Session
Amy Webster & Taryn Anderson	Wound Dressing
HEMS Team To Be Announced	HEMS Workshop
Steven Roy	Medkit Practical - What's in the Bag?
Neil Gantra & Kevin Grange	High Altitude Sim
Laura Jones	Mental Health panel

BOARDROOM	
Speaker	Session
Chris Yap	Ultrasound
Burj Langdana	Dentistry Practical Session
Brendan Sloan	Cave Rescue
John Apps	Combining career and passion

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More speakers to be added and times, stages and speaker topics could change prior to WEM22.

DAY 2 - 20TH NOVEMBER

Learn from 80+ of the most convention-breaking, discipline-blending, boundary-shattering extreme medics.

MAIN BIOSPHERE STAGE	
Speaker	Session
Mark Hannaford & Luca Alfatti	Medics4Ukraine
Brendan Sloan & George Linnane	54 Hours Underground
Kevin Grange	Stop the Bleed, Make'Em Breathe and Get Ready To Leave!
Matthew Boulter	Jungle Talk
Imron Subhan	Drones in Medicine
Joe Dituri	Topic To Be Announced
Justin Davis	Amputee Talk
Mensun Bound	The search for the Endurance
Lucy Shepherd	Amazon Uncharted: Redefining the Explorer
Wilfried Mutombo	Clinical trials on Human African Trypanosomiasis
Jo Larkin	So you want to be a Sports Doc?
Joanna Poole	Restoring Life: what would evolution do?

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SALISBURY STAGE	
Speaker	Session
Suvash Dawadi	Running Himalayan high altitude aid
Steve Roy	Medical Equipment in Extreme Environments
Martin Brennan	Honouring Inner Core Values to Guide Outside Actions
Matthew Spreadbury	Jungle Surgery in Burma to Frontline Warfare: A Surgical Trial by Fire
Alistair Morris	So you want to be a Mountain Rescue medic?

ONLINE STAGE	
Speaker	Session
Milton Chen	Telehealth for Ukraine & War Situations
Ffyon Davies	Adventure on the High Seas

HUTTON STAGE	
Speaker	Session
Norm Rooker	The Medical Side of fighting Wildfires in North America
Daniel Grace	Mental health on expeditions
Barbara Le Roy	Survival in extreme waters
Allen Lewis	EMS Leadership Challenges - From the Arctic Circle to South Sudan
Scott Johnson	The Use of Disruptive Technology and Innovation
Melanie McNiff	Pushed to breaking point: Mental Wellbeing in the Pre-Hospital Medic
Hareen Da Silva	Asylum Seeker and Refugee Mental Health
Caroline Leech	The Conflict Between Tradition, Innovation, and Evidence-Based Medicine

Andy Hughes	Bites & Stings
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CLASSROOM	
Speaker	Session
Chris Yap	Ultrasound
Sarah Spelsberg	Duct Tape, Safety Pins and Sam Splints
Neil Gantra & Kevin Grange	High Altitude Sim

BOARDROOM	
Speaker	Session
Amy Webster & Taryn Anderson	Wound Dressing
Burj Langdana	Dentistry Practical Session
David Stanton	Operational Team Based Resuscitation
Patrick and Claire	HEMS Workshop
Laura Penhaul	Female Athlete Health

More speakers to be added and times, stages and speaker topics could change prior to WEM22.

DAY 3 - 21ST NOVEMBER

Learn from 80+ of the most convention-breaking, discipline-blending, boundary-shattering extreme medics. More incredible speakers to be added!

MAIN BIOSPHERE STAGE	
Speaker	Session
Sarah Spelsberg	Comfort Zones, Change Tolerance, & Pushing Boundaries
Burj Langdana & Laura Penhaul	Oral Health in Endurance Athletes
David Stanton & Mark Wilson	Mental Health and Resiliency in Special Rescue
Ben LaBrot	Never Put Your Hands/Feet Where You Can't See Them: Global Envenomation Overview & Management
Rudie Van Vuuren	Conserving Landscapes, Protecting Wildlife and Improving Lives in Namibia
Greg Whyte	The Limits of Human Performance
Mark Wilson	Remote Medicine: Triage and Treatment Through GoodSAM Instant On Scene Video and the use of Community Responders
Michael Barratt	Myths and Provocations for the Space Flight Medic

SALISBURY STAGE	
Speaker	Session
AJ Martison & Jim Cusek	End of Blindness premier & Q&A
Anthony Fong	A Tale of Two Countries
Panel To Be Announced	Careers Panel Pre-Hospital
	Festival Medical Services

ONLINE STAGE	
Speaker	Session
Rodrigo Ville	Establishing COVID-19 Dedicated Units in Scarce Resource Settings
Amy Neilson	Conflict in the Tropics
Moniek Mestrom	Medevacs from Expedition Ships in the Polar Regions.. are you Prepared?

HUTTON STAGE	
Speaker	Session
Rudi Taylor	How to become a Royal Marines Mountain Leader
Patrick Wenger	Malaysian Hospitals Response to Covid 19
Tom Roffe-Silvester	Pre-Veterinary Care - Canine BLS and ALS in a Nutshell
Michael Hudson	Professional Drift and Apex Predators; The Pearls and Perils of a Shark Week Paramedic
Joe Dituri	Maladies specific to Technical and Rebreather Divers

CLASSROOM	
Speaker	Session
Taryn Anderson & Amy Webster	Wound Dressing
Burj Langdana	Facial Trauma Practical
Marcus Stevens & Megan Roby	Remote Medicine in a Virtual Environment
Pavendeep Singh	Workshop

BOARDROOM	
Speaker	Session
Burjor Langdana	Facial Trauma on an Expedition. A Dislocated Jaw! What can I do?
Chris Yap	Ultrasound
Marcus Stevens	Remote Medicine in a Virtual Environment

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EXHIBITOR HIGHLIGHTS

Exhibitors are carefully chosen to offer ultimate value, engagement and further resources for our attendees...



EcoMedics



Exeter University



Faculty of Remote, Rural and Humanitarian Medicine



NHS Western Isles



Northeastern University



Royal Air Force



Reflex Medical



St John Ambulance



University of Central Lancashire

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MORE EXHIBITORS TO BE ADDED!



EDINBURGH

With a dramatically beautiful Old Town, a dynamic and stunning modern New Town and historic details, monument and famous landmarks around every corner, Edinburgh is the perfect city to host our annual World Extreme Medicine Conference.

Known for its innovation, discovery and progress particularly concerning medicine, Scotland's capital city provides an abundance of activities for you to participate in and interesting places to visit and enjoy as part of your stay.

Plus, all the main conference talks will be recorded and available for you to catch-up on for up to 12 months via our digital conference platform.

VENUE

DYNAMIC EARTH EDINBURGH

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DIGITALLY

We know travelling to Edinburgh simply isn't convenient or accessible for everyone. So, this year we're going all out to make our online conference experience easier, more engaging and career-enhancing.

Our digital platform gives you the freedom to watch the conference live from the comfort of your sofa or catch-up on demand whenever suits you. Our amazing immersive platform will make you feel like you're there and it includes more streamed content than ever before.

WEM21 FEEDBACK

1,000 delegates, 80+ speakers and workshop presenters joined us for our 10th World Extreme Medicine Conference in 2021 and we asked for their honest feedback on what they thought of the world's only global extreme medicine conference –

"Thoroughly enjoyed this event, very inspiring and opened my eyes to the career opportunities that are potentially available within medicine."

"Amazing speakers and such a variety of fascinating talks. Grateful to be able to attend virtually. "

"The most thought provoking, fascinating and educational conference ever. Thank you."

4.8 / 5

QUALITY OF CONTENT

4.8 / 5

EVENT EXPERIENCE

WATCH
DR MIKE
RYAN AT
WEM21

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TICKETS

An in-person ticket provides access to all in-person talks, workshops* and the digital conference platform to catch any talks you may have missed for up to 12 months.

Registration for talks and workshops opens 24th October 2022 for conference ticket holders. You will need to provide ID on arrival. *The 'Caught in a Terrorist Attack and the Ceilidh will incur additional charges.

Student

The Student ticket is for those completing their undergraduate degree. *Limited availability!*

All 3 Days = £429.00

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Intermediate Ticket

F1-2 Doctors, all allied medical/healthcare professionals up to and including Band 6. *Limited availability!*

All 3 Days = £515.00

Day 1 = £191.00

Day 2 = £191.00

Day 3 = £191.00

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Medic Ticket

The Medic Ticket is for all other grades.

All 3 Days = £699.00

Day 1 = £259.00

Day 2 = £259.00

Day 3 = £259.00

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Digital Ticket

The Digital Ticket includes access for all three days to the conference, showing all talks in the Biosphere, Salisbury Room, Hutton Room, Board Room, and our Digital Stage. There is no need to pre-register for talks as there are no capacity limits, and all talks will be available on demand for 12 months after the conference.

All 3 Days = £149.00

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World Extreme Medicine Conference tickets are refundable if the event is cancelled due to COVID19, terms and conditions apply. Check out our FAQ section for any further information.



WATCH

TO UNDERSTAND WHICH TICKET OPTION APPLIES, WATCH OUR
HELPFUL TICKET EXPLAINER VIDEO ABOVE OR CONTACT
OPERATIONS@EXTREME-MEDICINE.COM



WE LOOK FORWARD TO SEEING YOU THERE!

Contact us if there are any questions.

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FAQS

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EMAIL ADDRESS

operations@extreme-medicine.com