

## البرنامج العلمي للمؤتمر

### Main Scientific Program: Workshops, Panel , Symposia and Accreditation Awarded DAY ONE: Monday October 14<sup>th</sup>, 2019 Workshops,

المؤتمر الدولي الثالث للطوارئ ورشات العمل وجلساته العلمية واعتماد ساعاته التعليمية

#### CME/CPD Accredited Workshops: Summary

14<sup>th</sup> -16<sup>th</sup> October 2019 AM , (4) Parallel Workshops 09.00-13.00 Break 11.00-11.30

Workshop 1 Airway Management in Pre-hospital Emergency Settings	ورشة الإسعاف	<ul style="list-style-type: none"> <li>i) Dr Abdul Noureldin</li> <li>ii) Dr Maitha AlDarei</li> <li>iii) Dr Hind AlDhaheiri</li> <li>iv) Dr Dalal AlNuaimi</li> <li>v) Dr Mohmoud Anka</li> <li>vi) Dr Riadh Shalgham</li> <li>vii) Dr Karima Reffaf Talbi</li> <li>viii) Mr Zaher Aldaakak</li> </ul>
Workshop 2 Emergency, Crisis and Disasters	ورشة الطوارئ والأزمات والكوارث	<ul style="list-style-type: none"> <li>i) <b>Dr Neil Sambridge</b> and Chris Press, Rethinking risk and emergency threat: Lesson learned from Manchester events</li> <li>ii) Christopher Page, Perspectives on strengthen community awareness and resiliency in emergency and disasters</li> <li>iii) Dr Ivana Kruijfa Karbayova, The uses of Artificial Intelligence in emergency, crisis and disasters.</li> <li>iv) <b>Dr Raj Rrasanna Kankanamge</b>, Designing emergency management information systems supporting first responders situation awareness.</li> </ul>
Workshop 3 CBRNe Emergency	ورشة المواد الخطرة	<ul style="list-style-type: none"> <li>i) <b>Dr Mark Byers</b>, Responding to CBRN events: Risk assessment, management, protection and lesson learned from Salisbury.</li> <li>ii) <b>Professor Francesco D'Errico</b>, Safety measures and CBRNe risk assessment applied to nuclear power stations and Radiation Hazard</li> <li>iii) <b>Professor Leonardo Palombi</b>, Emergency preparedness and management of infectious diseases and biological hazards in a nation of limited resource: A case of Beira in Mozambique</li> <li>iv) <b>Professor Pasqualino Gaudio</b>, Detection And Identification Of Biological Agents: A Comparison Between The Classic Techniques Like Polymerase Chain Reaction (Pca) And The New Optical Techniques Under Study For A Fast Detection</li> <li>v) <b>Dr Andrea Malizia</b>, The CBRN Italian emergency system and its main function in major events</li> </ul>
Workshop 4 Data Analysis	ورشة تحليل البيانات	<ul style="list-style-type: none"> <li>i) The importance of big data analysis in predicating future foresight and those of possible emerging challenges in emergency work settings</li> <li>ii) The use of Artificial Intelligence (AI) in CBRN, data analysis, safety and civil protection</li> </ul>

## PM Workshops 14.00-18.00 Break 16.30-17.00

Day One: Monday October 14<sup>th</sup>, 2019  
CME/CPD Accredited Workshop Summary Program

ورشات عمل المؤتمر الدولي الثالث للطوارئ  
مديرية الطوارئ والسلامة العامة – القيادة العامة لشرطة أبوظبي

<p><b>Workshop 5</b></p> <p><b>Search and Rescue in Disaster Settings</b></p>	<p>ورشة البحث والإنقاذ الخاصة بالكوارث</p> <ul style="list-style-type: none"> <li>i) <b>Ltc Joanne McGovern</b> Disaster response and crisis management: Challenges and lessons learned</li> <li>ii) <b>Neil Sambridge</b>, Emergency response to overwhelming incidents, cave and mountain rescue: Lesson learned</li> <li>iii) <b>Professor Geoff O'Brien</b>, Emergency and Rescue at Sea: How Effective are the Services and the Efforts to save lives</li> <li>iv) <b>Captain Ahamed Saeed Alhemeiri</b> Risk of floods strong current and streams flow: Lessons learned and challenges of water rescue</li> <li>v) <b>Mr Simon Djidrovski</b>, Victims identification in disaster settings: Main challenges and lessons learned</li> </ul>
<p><b>Workshop 6</b></p> <p><b>Firefighting Services</b></p> <p><b>Hall 2</b></p>	<p>ورشة خدمات الأطفاء</p> <ul style="list-style-type: none"> <li>i) <b>Ms Rachael Utimapu</b>, Lessons learned from response to major and overwhelming fire emergency incidents</li> <li>ii) <b>Col Chua Szu Chiap</b>, Fire Hazard in Waste Management Faucitis: Singapore</li> <li>iii) <b>Matt Bonner and Andrew Chalmers</b>, Grenfell Tower fire in London, Investigation and lesson learned</li> <li>iv) <b>Lt. Col Dr Abdullah Alhmoudi</b>, the applications of Robotic responses in emergency settings.</li> </ul>
<p><b>Workshop 7</b></p> <p><b>Leadership, emergency planning and business continuity</b></p>	<p>ورشة القيادة والتخطيط للطوارئ وأستمرارية الأعمال</p> <ul style="list-style-type: none"> <li>i) <b>Dr Jane Elizabeth Rovins</b>, Disaster and Leadership: What scuba diving taught me about leading in a disaster and staff wellbeing</li> <li>ii) <b>Mr Andreas Karsten</b>, <i>Business Continuity Aftermath of Crisis and Disasters: Foundation of Resilience</i></li> </ul>
<p><b>Workshop 8</b></p> <p><b>Profess Building Resiliency: Secondary Trauma , Mental Health Wellbeing among staff working in Emergency Settings</b></p>	<p>ورشة بناء القدرات: الدعم والتحصين النفسي لطواقم الطوارئ</p> <ul style="list-style-type: none"> <li>i) Challenges of emergency work settings</li> <li>ii) Professional Stress and Burnout</li> <li>iii) Victims of major incidents and disasters: Emerging trauma symptoms and main reactions</li> <li>iv) Secondary traumatization and emergency staff wellbeing: The hidden risks, reactions and vulnerability</li> </ul>

**الافتتاح الرسمي للمؤتمر**  
**Official Opening Ceremony**  
**Day Two: Tuesday October 15<sup>th</sup>, 2019**

**The Main Scientific Program**

**جلسة افتتاح المؤتمر وجلسات البرنامج العلمي للمؤتمر**

**10.00 -13.00 Main Auditorium**

**القاعة الكبرى**

**10.00-10.30 Exhibition Tour**

**10.30- 11.00 Opening Ceremony, Greetings & Welcome  
Remarks**

**11.00 -13.00 Main Keynote Speeches**

**Panel Chair: Professor Melanie Giles, University of Ulster,  
UK**

**رئيس جلسة الافتتاح البرفسور مالني جايلز – جامعة الستر المملكة المتحدة**



### الساعات التعليمية المعتمدة للمؤتمر

اعتمدت كلية الجراحين الملكية البريطانية عدد ( 13.5 ) ساعه  
لحضور جلسات المؤتمر وورشات العمل.

## Keynote Speeches Program Summary: Day Two, October 15th, 2019 11.00-13.00

اليوم الثاني للمؤتمر الجلسة الصباحية ( متحدثين جلسة الافتتاح )

**Professor Patrick Nixon**  
**President of University of Ulster, UK**

11.00-11.20  
Emergency, Tolerance and  
Reconciliation: Lesson Learned  
from Northern Ireland

Speaker	Topics	Slot
Dr Russell MacDonald Faculty of Medicine, University of Toronto, Canada	Medical Triage In Mass Casualties Incidents	11.20- 11.40
Break	<b>20 Minute Break</b>	11.40-12.00
Dr Joanne McGovern Yale University, USA	Disaster response and crisis management: Challenges and lessons learned	12.00- 12.20
Dr Matthieu Langlois, Head of RAID, French Police, France	The roles of French RAID team in prehospital and mass casualties care management: Lessons learn from France	12.20- 12.40
Col Milan Novotný JCBRN Defence COE NATO, Training Centre. Czech Republic	CBRN incidents and NATO perspective: Preparedness, response and measures	12.40- 13.00
Lunch Break	Lunch Break	13.00-14.00

**14.00 – 14.40 Plenary Session** الجلسة المسائية الأولى  
الورقة الرئيسية  
**(Main Hall) Day Two October 15<sup>th</sup>, 2019**

Speaker Professor Francesco d'Errico	Trends and Training in Nuclear Security
--	---

**Symposium A : 14.40-18.00**  
**Main Hall** الجلسة الفرعية الأولى

Speaker Professor Julian Leslie & Professor Melanie Giles University of Ulster, UK	Building Capability and the notion of standardised selection of staff working in emergency settings	14.40-15.20
<b>Break</b>	<b>Break</b>	15.20- 15.45
Dr Janaka Jayawickrama, York University	The relationship between wellbeing and performance in emergency organisations	15.45- 16.25
Professor Mark Hannaford, Centre for Extreme Medicine, Exeter University	The future of extreme medicine and its overwhelming approach to disaster settings	16.25 – 17.05
Ms Chantelle Faint	Safety Operating Highways England Roads: Lesson Learned from Major Incidents	17.05-17.45
<b>Questions Time</b>	<b>Questions Time</b>	17.45- 18.00

**Symposium B: 14.30-17.50 October 15th , 2019**

**الجلسة المسائية الفرعية الثانية**

<b>Future of EMS</b>  <b>Panel Chair:</b> <b>Dr Riadh Shalgham</b>	Professor Russell MacDonald (Canada)			EMS Clinical Governance	14.30-14.55
	Dr. Liu Nan (Singapore)			Artificial Intelligence application in EMS	14.55-15.20
	Dr Rasha Buhumaid, UAE			Ultrasound use in EMS	15.20-15.45
	Panel			Questions time	15.45-16.00
<b>Break</b>					16.00-16.20
<b>Prehospital management</b>  <b>Panel Chair</b> Dr Dalal AlNuaimi	Dr. Abdel Nouredin, USA			Paediatric Trauma	16.20-16.45
	Dr Sagar Althunayyan, KSA			Sepsis in Prehospital care	16.45-17.10
	Dr Maitha AlDarei, UAE			STEMI management/ Abu Dhabi experience	17.10-17.35
	Panel			Questions time	17.35-17.50

**Day Two Closure: ختام اليوم الثاني للمؤتمر**

**Day Three Program: Plenary Session, October 16<sup>th</sup>, 2019 9.00am – 13.00**  
**(Main Hall)**

**برنامج اليوم الثالث للمؤتمر جلسة الختام**

Professor Zeeshan Aziz Salford University, UK	Lessons Learned from Response to Major Emergency Incidents in UK	9.00-9.30
Speaker Dr Alaba Innotti,	Building capability: The CBRN emergency simulation lab as a fundamental training system	9.30-10.00
Mr Eoin Walker London Ambulance	Lesson Learned from major emergency incidents in London: Paramedics and London's air ambulance perspectives	10.00-10.30
<b>Break</b>	<b>Break</b>	10.30-11.00
Captain Hojun Kwon, Republic of Korea Army, Korea	Introduction of Counter Terrorism System in Republic of Korea Army	11.00-11.30
		11.00.30-12.00

**12.00-13.00 Closure Remarks and Awards**

كلمة الختام وشهادات التقدير

**13.00- 14.00 Lunch and Conference Closure**

ختام المؤتمر

**Thursday October 17<sup>th</sup>, 2019: Departure and airport transport arrangements**

مغادرة المتحدثين



## Conference Speakers List متحدثين المؤتمر

- 1) Professor Patrick Nixon , President of Ulster University, UK
- 2) Professor Leonardo Palombi MD , University of Rome Tor Vergata, Italy
- 3) Professor Francesco d'Errico, Yale University, USA and University of Pisa, Italy
- 4) Professor Amer Hosin, Trauma and Resiliency, AD Police GHQ, UAE
- 5) Professor Russell MacDonald MD, Faculty of Medicine, University of Toronto, Canada
- 6) Professor Melanie Gilles, Ulster University, UK
- 7) Professor Pasquale Gaudio, University of Rome Tor Vergata, Italy
- 8) Professor Zeeshan Aziz, University of Salford, UK
- 9) Professor Julian Leslie, Ulster University, UK
- 10) Professor Mark Hannaford, CEO Extreme Medicine, Honorary Professor, Exter University
- 11) Col Chua Szu Chiap, Director of HazMat, Singapore Civil Defense Force, Singapore
- 12) Col. Milan Novothy, Joint CBRN Defence Centre of Excellence , the Czech Republic
- 13) Dr Joanne McGovern, Yale University, USA
- 14) Dr Geoff O'Brien , University of Northumbria, Newcastle, UK
- 15) Dr Janaka Jayawickrama , University of York, UK
- 16) Lt. Col Dr Abdullah Alhmodi, Abu Dhabi Police, GHQ,UAE
- 17) Lt Col. Dr Maitha AlDarei MD, Deputy Director of Ambulance, AD Police, GHQ, UAE
- 18) Major Dr Ibrahim AlMarzouqi , Aby Dhabi Police GHQ, UAE
- 19) Dr Rasha Buhumaid MD, UAE
- 20) Dr Matthieu Longlois MD, France
- 21) Dr Neil Sambridge MD , UK
- 22) Dr Jane Elizabeth Rovins, Massey University, New Zealand
- 23) Dr Dalal Alnuaimi MD, UAE
- 24) Dr Raj Rrasanna Kankanamge, Massey University, New Zealand
- 25) Dr Riadh Shalgham MD, AD Police GHQ, UAE,,,,
- 26) Dr Ivana Kruijfa Karbayova, Germany
- 27) Dr Liu nan, Singapore Health Service and Duke- NUS Medical School, Singapore .....
- 28) Dr Sagar Althunayyan MD, Kingdom of Saudi Arabia
- 29) Dr Alba Iannotti, University of Rome Tor Vergata, Italy
- 30) Dr Andrea Malizia , University of Rome Tor Vergata, Italy
- 31) Dr Chris Press MD, UK
- 32) Dr Christopher Page MD, UK
- 33) Dr Abdul Noureldin MD, USA
- 34) Dr Karima Reffaf Talbi MD, Emergency Institute, AD Police GHQ, UAE
- 35) Dr Hind AlDhaheri MD, UAE

- 36) Dr Mark Byers MD, UK
- 37) Dr Mohmoud Anka MD, UK
- 38) Captain Ahamed Saeed Alhemeiri , Emergency and Public Safety Directorate , AD Police, GHQ, UAE
- 39) Captain Hojun Kwon, Republic of Korea Army, Korea
- 40) Mrs Catherine Harding-Wiltshire, British Medical Journal, BMJ, UK
- 41) Mr Matt Scot Bonner, Met Police Service , UK
- 42) Mr Eoin Walker, UK
- 43) Mr Andrew Chalmers, Met Police Service, UK
- 44) Mr Andreas Karsten, Germany
- 45) Ms Chantelle Faint,Highways England , UK
- 46) Mrs. Rachael Utimapu , New Zealand
- 47) Mr Zaher Mohamed Aldoakak,, Abu Dhabi Police, GHQ,UAE
- 48) Mr.Benjamin Fontes, Yale University



سلامتكم أمانة  
Safety Matters

## المؤتمر الدولي الثالث للطوارئ 2019 Scientific Committee Team Members

### أعضاء الفريق العلمي أكتوبر

- 1) Professor Amer Hosin , Program Chair , AD Police GHQ, UAE
- 2) Professor Julian Leslie , University of Ulster Program Co-Chair, UK
- 3) Professor Leonardo Palombi MD ,University of Rome Tor Vergata, Italy
- 4) Professor Francesco d'Errico, Yale University, USA and Pisa University , Italy
- 5) Professor Pasquale Gaudio , University of Rome Tor Vergata, Italy
- 6) Professor Zeeshan Aziz , University of Salford, UK
- 7) Professor Melanie Gilles, University of Ulster, UK
- 8) Dr Geoff O'Brien , University of Northumbria, Newcastle, UK
- 9) Dr Janaka Jayawickrama , University of York, UK
- 10) Dr Andrea Malizia , University of Rome Tor Vergata, Italy
- 11) Dr Alba Iannotti , University of Rome Tor Vergata, Italy
- 12) Lt Col Dr Abdulla Al Hmoudi , Abu Dhabi Police, GHQ,UAE
- 13) Lt Col Dr Maitha Al Darei, Abu Dhabi Police, GHQ,UAE
- 14) Major Dr Ibrahim AlMarzouqi, Abu Dhabi Police GHQ,UAE
- 15) Dr Riadh Chalgham, Abu Dhabi Police, GHQ,UAE
- 16) Dr Karima Reffaf Talbi , Abu Dhabi Police, GHQ,UAE
- 17) Major Eng Mohamed Salem Alameri, Abu Dhabi Police, GHQ,UAE
- 18) Captain Faisal Omran Alameri , Abu Dhabi Police, GHQ,UAE
- 19) Mr Zaher Mohamed Aldoakak,, Abu Dhabi Police, GHQ,UAE
- 20) Mrs Catherine Harding-Wiltshire, BMJ, Coordinator with Royal College of Surgeons, England, UK.