

ANNUAL CONGRESS CURRICULUM

CURRICULUM COMMITTEE

Tara Amenson, Ph.D.
Richard Jennings, M.D.
Steve Olvey, M.D.
Terry R. Trammell, M.D.
Hugh E. Scully, M.D.
Rob Seal, M.D.

Tuesday, December 4, 2018

- 2:00 – 5:00 PM ANNUAL CONGRESS REGISTRATION
JW Marriott Hotel, Griffin Exhibit Hall East - Foyer
- 5:00 – 7:00 PM ICMS ANNUAL CONGRESS RECEPTION
JW Marriott Hotel, Griffin Exhibit Hall East - Room 209

Wednesday, December 5, 2018

- 8:00 AM - 5:00 PM CONGRESS REGISTRATION AND SCIENTIFIC SESSIONS
Indiana Convention Center (ICC), Room 243, Level 2
- 8:55 – 9:00 AM OPENING REMARKS
Dan Marin, M.D., Chairman of the ICMS

SCIENTIFIC SESSION ONE

SESSION ONE MODERATOR
Richard Jennings, M.D., ICMS

- 9:00 - 9:30 AM DEVELOPMENT OF NEW TECHNIQUES OF CONCUSSION
DIAGNOSIS
Charles Tator, M.D., Professor, University of Toronto, Canada
- 9:30 – 10:00 AM CONCUSSIONS, DIFFICULT TO DIAGNOSE, MORE DIFFICULT
TO MANAGE
Kester Nedd, D.O., Med. Director, Sports Concussion, Un. of Miami
- 10:00 – 10:15 AM QUESTION AND ANSWER SESSION

- 10:15 – 11:00 AM MORNING REFRESHMENT BREAK
- 11:00 – 11:30 AM FATALITY ON THE TRACK – NOW WHAT?
William Liang, M.D., Med. Dir., Canadian Tire Mts. Park, Canada
- 11:30 – 12:00 PM 3D PRINTING – STOP MAKING EXCUSES AND MAKE IT YOURSELF
Matthew Mac Partlin, M.D., Wollongong Hospital, Sydney, Australia
- 12:00 – 12:15 PM QUESTION AND ANSWER SESSION
- 12:15 – 1:45 PM FREE TIME FOR ATTENDEES (Lunch on your own)

SCIENTIFIC SESSION TWO

SESSION TWO MODERATOR
Terry Trammell, M.D., ICMS

- 1:45 - 2:45 PM [Annual Congress Panel Discussion](#)
- LIABILITY RISKS AND COVERAGE FOR MOTORSPORTS MEDICAL AND SAFETY WORKERS
John Bodnar, M.D., Medical Director, AMA Supercross/Motocross
Sherry Fabina-Abney, JD, Partner, Ice Miller Indianapolis
Tom Derouin, Account Executive, MP2B Assurance, Canada
- 2:45 - 3:00 PM QUESTION AND ANSWER SESSION
- 3:00 – 3:45 PM AFTERNOON REFRESHMENT BREAK
- 3:45 - 4:15 PM FACILITY LIABILITY AND THE SUSTAINABILITY OF MOTORSPORTS IN NORTH AMERICA
Lauri Eberhart, Esq., Attorney, Apollo Sports & Enter. Law Group
- 4:15 - 4:45 PM PHYSIOLOGICAL RESPONSE DIFFERENCES IN COMPETITIVE MOTORSPORT BETWEEN PRO AND AMATEUR DRIVERS
Samuel Barthel, MS, Spartan Motorsport Lab, Michigan State Univ.
- 4:45 – 5:00 PM QUESTION AND ANSWER SESSION
- 5:00 – 7:00 PM ICMS / PRI RECEPTION
Lucas Oil Stadium Concourse (adjacent to the ICC)

Thursday, December 6, 2018

7:00 – 9:00 AM PRI GRAND OPENING BREAKFAST (Program starts at 8:00 AM)
Indiana Convention Center (ICC), Sagamore Ballroom, Level 2.
Motorsports legends Al Unser, Sr. and Al Unser, Jr. will join
MAVTV's Dave Despain on the stage for this entertaining event.

8:55 – 9:00 AM OPENING REMARKS
Dan Marin, M.D., Chairman of the ICMS

SCIENTIFIC SESSION THREE

SESSION THREE MODERATOR
Terry Trammell, M.D., ICMS

9:00 – 9:30 AM DESIGNING A SAFER RACE TRACK – CONSIDERATIONS
REGARDING BARRIERS AND DEBRIS FENCE
Ben Willshire, BSc, Man. Dir., Driven International, United Kingdom

9:30 – 10:00 AM THE EVOLUTION OF THE SAFER BARRIER – A NEW
STANDARD FOR TRACK BARRIERS
Bob Bielenberg, MSME, Asst. Dir., SAFER Barrier, Un of Nebraska

10:00 – 10:15 AM QUESTION AND ANSWER SESSION

10:15 – 11:00 AM MORNING REFRESHMENT BREAK

11:00 – 11:30 AM RACE TRACK SAFETY BARRIERS – MECHANICAL
CONSIDERATIONS FOR ENERGY MANAGEMENT
R J Valentine, Creator/Founder, Impact Safety Systems

11:30 - 12:00 PM SELECTING DEBRIS FENCE FOR NEW RACE TRACK
INSTALLATION – WHAT IS REQUIRED?
Marty Hunt, Manager, Motorsport Solutions, Geobruigg Partner

12:00 – 12:15 PM QUESTION AND ANSWER SESSION

12:15 – 1:45 PM FREE TIME - VISIT PRI TRADE SHOW (Lunch on your own)

SCIENTIFIC SESSION FOUR

SESSION FOUR MODERATOR
Hugh Scully, M.D., ICMS

- 1:45 - 2:45 PM [The Dan Q. Marisi Memorial Lecture *](#)
- THE PATHWAY FROM PROBLEMS TO SOLUTIONS IN NASCAR
CRASHES
David Green, Managing Safety Supervisor, NASCAR Nat'l Series
- DRIVER POSITION AND SEAT DESIGN ON THORACOLUMBAR
LOADING DURING FRONTAL IMPACTS
John Patalak, PE, Senior Director, Safety Engineering, NASCAR
- 2:45 - 3:00 PM QUESTION AND ANSWER SESSION
- 3:00 – 3:45 PM AFTERNOON REFRESHMENT BREAK
- 3:45 – 4:15 PM POTENTIAL INJURY WITH THE USE OF A TOO STIFF HEAD
REST IN DTM
Vincenzo Tota, M.D., Director, TechMed Services, United Kingdom
- 4:15 - 4:45 PM UPDATE FROM THE GLOBAL INSTITUTE FOR MOTOR SPORT
SAFETY
Andy Mellor, ME, Senior Research Engineer, FIA, Switzerland
- 4:45 - 5:00 PM QUESTION AND ANSWER SESSION
- 5:00 - 5:15 PM ICMS BUSINESS MEETING (Members Only Please)
Dan Marin, M.D., Chairman of the ICMS
- 5:00 – 7:00 PM PRI HAPPY HOUR
Lucas Oil Stadium Concourse (adjacent to the ICC)

* Dan Q. Marisi, Ph.D. was a co-founder of the Human Performance International (HPI) Laboratory at McGill University in Montreal and the International Council of Motorsport Sciences. Dan worked with many of the world's premiere motorsport competitors, including the late Ayrton Senna. The Dan Q. Marisi Memorial Lecture is presented each year at the ICMS Annual Congress to honor his work and commitment to motor racing and its unique athletes.

Friday, December 7, 2018

RACE TRACK SAFETY PROGRAM

Dallara IndyCar Factory, Speedway, Indiana 46224 *

* The RTSP is being held at the Dallara IndyCar Factory about 20 minutes west of downtown Indianapolis. For those going to the RTSP that are registered for the ICMS Annual Congress, a complimentary motor coach will depart from the JW Marriott Hotel on Friday at 8:00 am and will return to the hotel complex following the conclusion of the RTSP.

SCIENTIFIC SESSION FIVE

SESSION FIVE MODERATOR

Tara Amenson, Ph.D., ICMS

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| 8:00 - 12:00 PM | RACE TRACK SAFETY PROGRAM REGISTRATION
Dallara IndyCar Factory, Main Entrance, First Floor |
| 8:55 - 9:00 AM | OPENING REMARKS
Dan Marin, M.D., Chairman of the ICMS |
| 9:00 – 9:30 AM | <u>THE STUDY AND TRAINING OF BEST PRACTICES IN C-SPINE MANAGEMENT UNDER SIMULATION CONDITIONS</u>
Patrick Boissy, PhD, Professor, Université de Sherbrooke, Canada |
| 9:30 – 10:00 AM | <u>RESPIRATORY PROTECTION FOR MOTORSPORTS</u>
David Dalrymple, EMT/P, Instructor, Roadway Rescue |
| 10:00 – 10:15 AM | <u>QUESTION AND ANSWER SESSION</u> |
| 10:15 – 10:45 AM | MORNING REFRESHMENT BREAK |
| 10:45 - 11:15 AM | <u>ELECTRIC RACE VEHICLES – IMPLICATIONS FOR RESCUERS</u>
Stephen Martin, RN, Lead Instructor, ESI Rescue |
| 11:15 - 11:45 AM | <u>EQUIPMENT ADVANCES IN RESCUE TOOLS AND TECHNIQUES</u>
Peter Fiset, Central Region Manager, Holmatro |
| 11:45 – 12:00 PM | <u>QUESTION AND ANSWER SESSION</u> |
| 12:00 - 1:00 PM | <u>LUNCH WITH OUR GUEST SPEAKER</u> (Lunch will be provided) |

PRACTICAL TRAINING SESSION

PRACTICAL SESSION MODERATOR

Rob Seal, M.D., ICMS

1:00 – 2:00 PM

PROPER HELMET AND HEAD RESTRAINT REMOVAL TECHNIQUES

Kathryne Faccenda, M.D., Canadian Motorsports Response Team

SPINAL IMMOBILIZATIONS DURING DRIVER EXTRICATION

Paul Kennedy, EMT/P, Canadian Motorsports Response Team

AIRWAY MANAGEMENT WITH DRIVER IN THE CAR

Rob Seal, M.D., Med. Dir., Canadian Motorsports Response Team

NEUROLOGICAL EVALUATION AND DIAGNOSIS BY EMERGENCY TEAMS EVALUATING DRIVERS AT RACES

Stacy Smith, M.D., Houston Methodist Neurological Institute

2:00 – 3:00 PM

HEMORRHAGE CONTROL OF LOWER EXTREMITIES WITH DRIVER IN THE CAR

Bobby Lewis, M.D., Medical Director, Talladega Superspeedway

HYDRAULIC AND MANUAL TOOL CUTTING OF CHASSIS ROLLCAGES FOR SAFER DRIVER EXTRICATION

Peter Fiset, Regional Manager, Holmatro Rescue Equipment

LIVE FIRE SUPPRESSION PRACTICE

Doug Bailey, Director, Canadian Region, ANSUL

PATHWAY TO LIFE

Ray Henry, ESI Race Track Safety Services, Ret. Career Firefighter

3:00 – 4:00 PM

MOTORSPORTS MEDICAL CENTER CHALLENGES AND DRIVER EVALUATION

Geoff Billows, M.D., Medical Director, Verizon IndyCar Series

ROLLOVER CONTROLLED MOVEMENT

IMSA Track Services Team

DRIVER ROLLOVER EXPERIENCE

Jake Steele, Safety Director, Kalamazoo Track Services

DRIVER EXTRICATION FROM DRAGSTER CHASSIS AND INDYCAR TUB

Rodney Johnson, EMT/Master FF, Motorsports Response Team

Race Track Safety Team Demonstrations

- 4:00 - 5:00 PM DEMONSTRATIONS BY ELITE MOTORSPORT SAFETY
RESPONSE TEAMS
Rob Seal, M.D., Session Moderator
- 5:00 - 5:05 PM RACE TRACK SAFETY PROGRAM SUMMARY
Dan Marin, M.D., Chairman of the ICMS

UTMB Office of Continuing Education CME Certification for the ICMS Annual Congress

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council of Continuing Medical Education (ACCME) through the joint providership of The University of Texas Medical Branch at Galveston and **International Council of Motorsport Sciences (ICMS)**. The University of Texas Medical Branch at Galveston is accredited by ACCME to provide continuing medical education for physicians.

The University of Texas Medical Branch at Galveston designates this live activity for a maximum of **17.5 AMA PRA Category 1 Credits**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.