

GROUNDBREAKING MR SCIENCE • SUPERIOR MR EDUCATION • GLOBAL NETWORKING

ISMRRM Workshop on MR Safety: From Physics & Physiology to Policies & Practice



New York, NY, US • 21-23 October 2022

OVERVIEW

The focus of this workshop will be on improving MR safety by examining the current state of the art and by improving communication between all stakeholders – from system and medical device manufacturers through academic researchers, regulators, clinical technologists, medical physicists, and radiologists. This will include education on topics from the fundamental physics and physiology of discomforts and hazards in MRI, to the current best practices in MR safety assurance from patient screening and handling through infrastructure and management. Special attention will be given to considerations and challenges in ensuring safe conditions for imaging patients with medical implants, as well as ongoing advances in techniques and technology for improving safety assurance into the future.

EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be able to:

- Describe the current knowledge of risks and potential hazards of MRI;
- Explain current best practices in ensuring safety of patients, workers, researchers, and clinical staff in the MR environment;
- Discuss current state of the art and associated challenges in ensuring MR safety of subjects with medical implants; and
- Review upcoming techniques and technologies for improving MR safety in the future.

TARGET AUDIENCE

Scientists, engineers, technologists/radiographers, medical physicists, radiologists, and administrators interested in MR safety.

ORGANIZING COMMITTEE

Co-Chairs: Christopher M. Collins, Ph.D.; Michael Steckner, Ph.D., MBA

Committee: Timothy Eagan, Ph.D.; Bastien Guerin, Ph.D.; Nicole Hindman, M.D.; Maureen Hood, Ph.D., RN;
Vera Kimbrell, BS RT(R)(MR); Laleh Golestani Rad, Ph.D.; R. Jason Stafford, Ph.D.; Lukas Winter, Ph.D.

For more information including housing & registration, please visit: www.ismrm.org or call + 1 510 841 1899

This workshop offers CME & CE credits.