ISMRM Indian Chapter Annual Meeting 2020
On 7\textsuperscript{th} - 9\textsuperscript{th} February 2020, Yashoda Hospitals, Secunderabad.
Theme: Quantitative and Multi Parametric MR Imaging

Abstract Deadline to submit Oral and Poster abstracts is 10\textsuperscript{th} January 2020
Greetings from Hyderabad, as Chair of our ISMRM India Chapter Annual Meeting it is my sincere pleasure to welcome you to Hyderabad for 2020 meeting. This city known for its Historical grandeur, City of Pearls, City of Nizami culture and now HITEC City.

The meeting start on 7th February with faculty talks and Keynote address and ends on 9th February Sunday evening with the closing remarks and prize distributions.

This year’s theme of our meeting is QUANTITATIVE AND MULTIPARAMETRIC MR IMAGING. This will cover the various aspects and systems of applications.

Superb Educational Program is designed with cutting-edge material to be delivered by the most dynamic and renowned speakers. This program provides a comprehensive review of everything from basic MR physics to translational science, state-of-the-art clinical research and AI.

On behalf of our ISMRM Executive Committee I invite you all to Hyderabad for this excellent academic feast on MR Imaging.

Dr. Sikandar
Chair, ISMRM India Chapter, Annual Meeting &
Governing Council Member, ISMRM India Chapter
ORGANIZING COMMITTEE

Chair: Sikandar Shaikh, DMRD, DNB, MNAMS, FICR, EDiR
Yashoda Hospitals and IIT Hyderabad

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Sree Chitra Tirunal Institute for Medical Sciences & Technology,
Thiruvananthapuram, India.

Co-Chair: Sairam Geethanath, Ph.D
Dayananda Sagar Institutions (India), Columbia University,
New York, NY, USA

Dattesh Shanbhag, Ph.D
GE Global Reasearch, Bengaluru.

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Medanta Hospital, New Delhi, India

Ramesh Venkatesan, D.Sc.
GE Healthcare SHS, Bengaluru, India

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Siemens Healthineers, Bengaluru

Abhishek Mahajan, MD
Tata Memorial Centre, Mumbai

Shivaprasad Ashok Chikop, Ph.D
Dayananda Sagar University, Bengaluru

Arunark Kolipaka, Ph.D
The Ohio State University Wexner Medical Center,
Columbus OH, USA (Basic Scientist)

Rajan Jain, Ph.D
NYU Langone Medical Center, NY, USA

Local Organizing Committee

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Vijaya Diagnostic Center & IIIT Hyderabad

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Vice President, Yashoda Group of Hospitals.

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Bengaluru

Dr. Arunark Kolipaka
OH, USA

Dr. Rajan Jain
NY, USA
SCIENTIFIC PROGRAMME

7th February 2020 Day 1

8.00 - 8.30 AM  Breakfast , Arrival of Delegates/Participants, Registration & Presentations upload

8.30 - 8.45 AM  Welcoming remarks & workshop outline
- Dr. Sikandar

SESSION ONE

8.45 - 9.15 am  Intravoxel Incoherent Motion MRI / IVIM - the past present and future - Dr. Ravikant Balaji

9.15 - 9.45 am  Gaining insights into brain tissues using multi-compartment T2 relaxometry models - Dr. Sudhanya Chatterjee

9.45 - 10.15 am  KEY NOTE ADDRESS - 1
"Quantitative MRI in Oncology"
- Dr. Amita Shukla Dave

10.15 - 10.45 am  Highlights on challenges and corrections in quantitative susceptibility mapping' - Dr. Joseph Paul

10.45 - 11.00 TEA BREAK

SESSION TWO

11.00 - 11.15 am  INAUGURATION

11.15 - 11.45 am  PLANERY TALK
"The role of Quantitative mpMRI potential in Breast Cancer"
- Prof Jagannathan

11.45 - 12.15 pm  KEY NOTE ADDRESS - 2
Multiparametric brain tumour Imaging
- Dr. Deepak Patkar

12.15 - 12.45 KEY NOTE ADDRESS - 3
Newer Pulse Sequences in Brain MRI
- Dr. Harsh Mahajan
12.45 - 1.05 pm  a. Ultrafast Comprehensive Stroke Protocol under 6 minutes and quantitation of Ischemic Penumbra
   - Ms. Rursa Bhattacharjee

b. Touching more lives with disruptive innovations in MRI
   - Dr. Indrajit Saha

1.05 - 1.45 pm  LUNCH and Poster Exhibition

SESSION THREE

1.45 - 2.45 pm  ORAL COMPETITIVE PAPERS

2.45 - 3.15 pm  Diffusion MRI of Brain - Dr. Rita G Nunes

3.15 - 3.45 Pm  Volumetric analysis in Major Depressive Disorder
   - Dr. Abhijit Pawar

3.45 - 4.15 pm  Synthetic MR Imaging in clinical practice Present and Future
   - Dr. V S V Rammohan

4.15 - 4.30 pm  TEA BREAK

4.30 - 6.30 pm  HACKATHON

6.30 - 7.00 pm  ISMRM India Chapter EBM

8.00 pm Onwards Dinner

8th February 2020 Day 2

8.30 - 9.00 am  BREAKFAST

SESSION ONE

9.00 - 9.45 am  QUIZ
   - Dr. Chidambarnathan

9.45 - 10.10 am  Trying to understand Parkinsons disease using MR
   - Dr. Senthil Kumaran
“Quantitative Brain Perfusion Imaging—Imaging Biomarkers and Clinical Interpretation and Limitations”
- Dr. Amit Mehndiratta

SESSION TWO

10.50 - 11.15 am Quantitative ASL: Clinical Challenges
- Dr. Bejoy Thomas

11.15 - 11.40 am Rapid quantitative Neuroimaging using tailored MR fingerprinting:
- Dr. Sairam Geethnath

11.40 - 12.05 pm KEYNOTE ADDRESS - 1
Quantitation in cardiac MRI
- Dr. Bhavin Jankharia

12.05 - 12.30 pm KEYNOTE ADDRESS - 2
Multiparametric Imaging in Prostate
- Dr. Hemant Patel

12.30 - 12.55 pm Scientist Talk/Trade - TBA

12.55 - 1.40 pm Lunch and Poster Presentation

SESSION THREE

1.40 - 2.05 pm Quantitative MR in Liver Bench to Bench side
- Dr. Sonal Krishan

2.05 - 2.30 pm Functional MRI Of Native and Transplant Kidneys.
- Dr. Nitin Ghonge

2.30 - 2.55 pm Quantitative MRI: Novel and Emerging Applications in Abdomen.
- Dr. Raju Sharma

2.55 - 3.20 pm AI in MRI - Strategies for clinical testing and deployment
- Dr. Vidur Mahajan

3.20 - 4.20 pm Oral Paper Presentations
4.20 - 4.30 pm TEA BREAK
4.30 - 6.30 pm HACKATHON
6.30 - 7.30 pm GBM
8.00 pm ONWARDS DINNER

9th February 2020 Day 3
8.30 - 9.00 am BREAKFAST

SESSION ONE
9.00 - 9.30 am Whole body MRI in Oncology- Initial experience on evolving applications.
  - Dr. Sumit Mukhopadhyay and Dr. Saugata Sen
9.30 - 10.00 am Quantitative susceptibility mapping: Emerging clinical applications - Dr. Kesavdas
10.00 - 10.30 am Dynamic Contrast Enhanced MR perfusion Imaging: Quantitative maps to Outcomes/Dynamic Contrast Enhanced MR perfusion Imaging: Quantitative maps to Outcomes
  - Dr. Dattesh Shanbag
10.30 - 11.00 am Molecular Functional Imaging in personalized clinical oncology: The road less travelled.
  - Dr. Abhishek Mahajan
11.00 - 11.15 am TEA BREAK

SESSION TWO
11.15 - 11.45 am Brain Tumors Multimodal analysis
  - Dr. Madhura Ingalhalikar
11.45 - 12.15 pm Diverse perspectives on Imaging based Diagnosis of HCC:
  - Dr. Shrinivas B. Desai
12.15 - 12.45 pm MRI Spectrometer on Chip Application - Signal and Imaging processing in MRI.
  - Dr. Dharmesh Verma
SESSION THREE

2.00 - 3.00 pm  Oral Paper Presentations

3.00 - 3.25 pm  Automated morphologic analysis of cartilage tissue using novel T2 star mapping technique in knee osteoarthritis.
   - Dr. Amit

3.25 - 3.50 pm  HYBRID IMAGING PET-MR imaging tool caught between hope, hype and the real world of “personalized MEDICINE.”
   - Dr. Sikandar

3.50 - 4.15 pm  Machine Learning Based on Quantitative Multiparametric MRI for Segmentation and Classification of Tumour.
   - Dr. Anup Singh

4.15 - 4.30 pm  TEA BREAK

4.30 - 5.30 pm  HACKATHON

5.30 pm  Awards Distribution and Closing
FACULTY

Dr. Abhijit Pawar  Prof. Dept of Radiology, SKN Medical College PUNE
Director Nucleus Diagnostics.Pune

Dr. Abhishek Mahajan  Associate Prof. Tata Memorial Centre Mumbai

Dr. Amit Kharat  Prof Radiology D Y Patil Medical College, Pune.

Dr. Amit Mehenderatta  Asst. Prof. Dept. of Biomedical Engg. IIT, Delhi and AIIMS

Dr. Amita Shukla Dave  Deputy Service Chief Predictive Informatics
Director Quantitative Imaging Memorial Sloan-Kettering Cancer Center New York

Dr. Anup Singh  Prof. Biomedical Engg., IIT Delhi

Dr. Bhavin Jankharia  Director, Jankharai Imaging Centre, Mumbai

Dr. Bejoy Thomas  Prof. Dept of Imaging Sciences and Interventional Radiology, SCTIMST, Trivandrum

Dr. Chidambarnathan  HOD, Dept. of Radiology, Apollo Hospitals, Chennai

Dr. Dattesh Shanbag  Consultant, GE

Dr. Deepak Patkar  Director, Radiology Services, Nanavati Hospitals, Mumbai

Dr. Harsh Mahajan  Director and Chief Radiologist,
Mahajan Imaging Centre, New Delhi

Dr. Indrajit Saha  Lead Scientist, Philips

Prof. Jagannathan  Vice-President, Indian National Science Academy (INSA)

Dr. Joseph Paul  Prof IIIT Trivandrum

Dr. Kesavdas  Prof and HOD Radiology SCIMST, Trivandrum

Dr. Madhura Ingalhalikar  Associate Professor, Symbiosis Centre for Medical Image Analysis, Symbiosis International University, Pune
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<tr>
<th>Name</th>
<th>Title and Affiliation</th>
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<tbody>
<tr>
<td>Dr. Nitin Ghonge</td>
<td>Senior Consultant Radiologist and Academic Coordinator, Indraprastha Apollo Hospitals, New Delhi</td>
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<td>Dr. Raju Sharma</td>
<td>Prof. Radiology, AIIMS, New Delhi</td>
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<td>Dr. Ravikant Balaji</td>
<td>Clinical Lead and Senior Consultant, MGM Healthcare, Chennai</td>
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<td>Dr. Rita Nunes</td>
<td>Assistant Professor Institute for Systems and Robotics, Dept of Biomedical Engineering, Lisbon, Portugal</td>
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<td>Dr. Rupsa Bhattacharjee</td>
<td>MR Applications Specialist, Philips India and PHP Research Fellow, IIT Delhi.</td>
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<td>Dr. Sairam Geethnath</td>
<td>Associate Research Scientist, Zuckerman Mind Brain Behavior Institute, Columbia University</td>
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<td>Dr. Senthil Kumaran</td>
<td>Professor, Department of NMR and MRI Facility, AIIMS, New Delhi</td>
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<td>Dr. Sikandar Shaikh</td>
<td>Consultant PET-CT &amp; Radiology, Yashoda Hospitals and Dept. of Biomedical Engg., IIT Hyderabad</td>
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<td>Associate Director Mahajan Imaging, New Delhi</td>
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<td>Mr. Dharmesh Verma</td>
<td>Scientist, E SAMEER, Mumbai</td>
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Payment by DD payable at Bengaluru, in favour of “**ISMRM India Chapter**” or through RTGS.

Scanned copy of counter foil and filled registration form to be sent to [idrsikandar@gmail.com](mailto:idrsikandar@gmail.com)

Registration fees include GST.

No refund after registration. No substitute for Registered Delegate.

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**Account Number:** 2512101019839  
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**Dr. Sikandar**  
Organizing Secretary

Dept of PET-CT & Nuclear Medicine,  
2nd Floor, B Block, Yashoda Hospitals, Somajiguda, Hyderabad - 500 082.  
Email: idrsikandar@gmail.com
ANNUAL MEETING 2020
On 7th - 9th February 2020
Yashoda Hospitals, Secunderabad

Theme: Quantitative and Multi Parametric MR Imaging

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Designation:...........................................................................................................................................................................

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REGISTRATION FEE

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Organizing Secretary

ISMRM Indian Chapter

Dept of PET-CT & Nuclear Medicine,
2nd Floor, B Block, Yashoda Hospitals, Somajiguda, Hyderabad - 500 082.
Email: idrsikandar@gmail.com
GUIDELINES FOR SUBMISSION OF PROFFERED PAPERS

- The proffered paper presentation is open to all postgraduate students MD/DMRD/DNB/ME/M Tech, PhD.

Those papers not selected for ORAL presentation may be converted to poster presentation

- Send the file as an attachment by email to idrsikandar@gmail.com

- Mention following details in the attachment.
  - Presenting author name. The name of the presenting author should be underlined.
  - Co-authors; not more than 4 in number
  - Title:
  - Institution
  - The first, second and third winners will get prize and certificate

- If you wish to submit another abstract, kindly repeat the same steps.

- The abstract would be accepted only if the presenting author is registered for the conference.

The presentations should be full-fledged studies based on hypothesis driven research. They will be Power Point presentations of 8 minutes duration with 2 minutes for questions and discussion. The abstract for this category will have to be divided into: Objective, Material & Methods, Results & Conclusion

- Presentation should be balanced and contain no commercial and promotional content.

- Patient confidentiality should be protected. No names, Hospital/Institute or telephone numbers or any other identifying information can appear in presentation.

- No changes in the abstract contents and the authorship will be allowed after the final submission. If you wish to withdraw your abstract after final date you must inform the scientific committee by e-mail only.

- The scientific work submitted should be original and not previously presented at any national or international conference.

- The decision of the scientific committee will be final.

- Last date of abstract submission is 10th January 2020.

- It is mandatory to register before sending your abstract.
GUIDELINES FOR SUBMISSION OF SCIENTIFIC POSTERS

• All abstracts with MRI related research only. The abstract should be in MS word format only.

• Send the file as an attachment to e-mail: idrsikandar@gmail.com

• Mention following details in the attachment, as mentioned in the template in page 2
  - Presenting author name.
  - Co-authors; not more than 4 in number
  - Title:
  - Institution
  - If you wish to submit another abstract, kindly repeat the same steps.

• The abstract would be accepted only if the presenting author is registered for the conference.

• Presentation should be balanced and contain no commercial and promotional content.

• No changes in the abstract contents and the authorship will be allowed after the final submission. If you wish to withdraw your abstract after final date you must inform the scientific committee by e-mail only.

• The scientific work submitted should be original and not previously presented at any national or international conference, nor published.

• The presentations can include full-fledged scientific studies or educational exhibits which highlight the spectrum of radiological findings of a disease entity, teach or review radiological signs, radiological-pathological correlation or describe an interventional radiological technique or a procedure, related to any modality and any system.

• Hard Copy size should be 2 ft 9 in (Horizontal) + 3 ft 9 in (Vertical). Actual size should be one inch less than the above mentioned size.

• The decision of the scientific committee will be final.

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