# Artificial Intelligence in Radiology – Symposium 2018

**10 November 2018, Bengaluru, India**

**Introduction**

**Telerad Tech** and **Image Core Lab (ICL)** are jointly organizing **AI in Radiology - Symposium 2018** from **November 10, 2018 at Bengaluru, Karnataka, India**. The objectives of the event are to:

- Highlight the role of AI/ deep learning in Radiology
- Promote the understanding of the role of AI in healthcare
- Highlight development & technology initiatives

**Background**

Artificial Intelligence (AI) is the next disruptive technology that will usher in major changes in the dynamics of the healthcare industry. A report by Market and markets has forecasted that AI healthcare market will reach USD 7,988.8 million by 2022 at a CAGR of 52.68% globally. The key drivers of AI are growing usage of Big Data in the healthcare industry, the ability of AI to improve patient outcomes, the imbalance between healthcare workforce and patients, the ability to make healthcare affordable and accessible, growing importance on precision medicine, cross-industry partnerships, and significant increase in venture capital investments in AI amidst others.

In Radiology in particular, AI software applications promises to excel at automatically recognizing complex patterns in medical imaging data and providing quantitative assessments of radiographic features. Contrary to the general perception that AI is a threat to the radiologist profession, it in fact is an ally which when used appropriately can transform healthcare delivery by increasing radiology productivity, enhancing accuracy of interpretation, and allowing them more time for value addition and research. **The AI in Radiology - Symposium 2018 will focus on some of these benefits of AI and offer preview of upcoming AI products.**

The day long symposium will bring together technology industry leaders, policy makers, hospital CIOs/CTOs and academic researchers. The event will offer an exceptional opportunity to engage with leading minds on AI – a world changing technology.

*We bring together eminent Radiologists, AI Innovators, Scientists, Researchers, Policy Makers, Industry leaders, Hospital CIOs/CTOs*

## Guest of Honour:

**Dr. BS Ajai Kumar**
*Chairman and Chief Executive Officer, HCG*

## Special Invitee:

**Ms M Neelam Kachhap,** *Editor, IndiaMedToday*

## Keynote Speakers:

**Dr. Mark Michalski**
*MGH & BWH Center for Clinical Data Science*

**Dr. Nobhojit Roy**
*Team Lead, Health Systems Strengthening, Bihar Technical Support Programme, (Catalytic support to the Health & Social Welfare Departments of the Government of Bihar)*

**Dr. Anurag Agrawal**
*Director CSIR – Institute of Genomics & Integrative Biology*

**Dr. Arjun Kalyanpur**
*CEO and Chief Radiologist, Teleradiology Solutions*

**Dr. Anjali Agrawal**
*Senior Radiologist, Teleradiology Solutions*

**THE AGENDA**

| Time | Programme |
|------|-----------|
| **10:00 - 10:15 AM** | <u>Welcome & Keynote address</u><br>*AI in Teleradiology* **– by Dr. Arjun Kalyanpur,** CEO and Chief Radiologist, Teleradiology Solutions |
| **10:15 - 11:00 AM** | <u>Panel Discussion:</u> *AI & the Market Dynamics of Radiology*<br>**Moderator: Mr. Ashwani Sinha**, **Global Head - Business Development, Telerad Tech**<br><br>**Panelists:**<br>1. *Mr Srikanth Nadhamuni, Chief Executive Officer, CEO of Khosla Labs*<br>2. *Mr Prashant Akhawat, COO, Telerad Tech*<br>3. *Dr. Sanjay Dhawan, Group Director – Radiology, Clearmedi Healthcare*<br>4. *Mr Ravi Ramaswamy, Sr Director and Head Health Systems, Philips Innovation Campus*<br>5. *Mr Nitin Krishna Mallya, VP – Digital Operations, GE Healthcare* |
| **11:00 - 11:20 AM** | <u>Keynote address</u><br>*AI in Screening & Public Health* **- by Dr. Nobhojit Roy,** *Team Lead, Health Systems Strengthening, Bihar Technical Support Programme, (Catalytic support to the Health & Social Welfare Departments of the Government of Bihar)* |
| **11:20 - 12:00 PM** | <u>Panel Discussion:</u> *AI Clinical Applications Panel: Stroke, Cancer, Screening & the Role of AI*<br>**Moderator: Dr. Arjun Kalyanpur, CEO and Chief Radiologist, Teleradiology Solutions**<br><br>**Panelists:**<br>1. *Dr. Anjali Agrawal, Senior Radiologist, Teleradiology Solutions*<br>2. *Dr. Abhishek Mahajan, Associate Professor, Dept of Radiodiagnosis & Imaging, Tata Memorial Hospital*<br>3. *Gp Capt (Dr) Hirdesh Sahni, Consultant Radiology Command Hospital, Air Force*<br>4. *Dr. Prachi Kala, HoD – Radiology, Vydehi Institute of Medical Sciences and Research Centre*<br>5. *Dr. Ravi Verma, Sr. Consultant Neuroradiologist, Citi Neuro Centre* |

| Time | Programme |
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| 12:00 - 01:00 PM | **Unveiling of** *"MammoAssist: AI Algorithm for Early Stage Breast Cancer Detection" **(a product of Telerad Tech)***<br><br>*By the Guest of Honour* **Dr. BS Ajai Kumar,** *Chairman and Chief Executive Officer, HCG*<br>*Followed with a presentation by:* **Mr Prashant Akhawat***, COO, Telerad Tech* |
| 01:00 - 02:00 PM | **Lunch & Networking** |
| 02:00 - 02:20 PM | Keynote address<br>*AI in Healthcare -* by **Dr. Anurag Agrawal,** Director CSIR – Institute of Genomics & Integrative Biology |
| 02:20 - 03:00 PM | Panel Discussion: *Development and Validation – Approach & Challenges*<br>**Moderator: Mr. Kishor Joshi, Global Head- BD and Sales, Teleradiology Solutions**<br><br>**Panelists:**<br>1. **Dr. Akhil Kumar,** *Head Clinical development, Aurigene*<br>2. **Dr. Phaneendra Yalavarthy,** *Associate Professor of Department of Computational and Data Sciences (CDS), Indian Institute of Science (IISc)*<br>3. **Dr. Srivatsa.D.V,** *Sr. Manager, Nexxus Social Media solutions, IQVIA*<br>4. **Mr Suthirth Vaidya,** *Chief Executive Officer, Predible Health*<br>5. **Dr. Abhishek Mahajan,** *Associate Professor, Dept of Radiodiagnosis & Imaging, Tata Memorial Hospital* |
| 03:00 - 03:20 PM | Keynote address<br>*AI in Emergency Radiology –* by **Dr. Anjali Agrawal, Senior Radiologist, Teleradiology Solutions** |
| 03:20 - 04:00 PM | Panel Discussion**:** *Infrastructure, Cloud & Supercomputing*<br>**Moderator: Mr. Prashant Akhawat**, COO, Telerad Tech<br><br>**Panelists:**<br>1. **Mr Austin Cherian,** *Head - High Performance Computing Business Intel Technology India Pvt Ltd*<br>2. **Mr Ramanathan Sethuraman,** *Platform Architect, Intel Corporation*<br>3. **Mr Sundara Ramalingam Nagalingam,** *Head - Deep Learning Practice, NVIDIA*<br>4. **Mr Srinivaschary T,** *Senior Principal Engineer, Enterprise Technologist,* |

| Time | Programme |
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| | *DellEMC*<br>5. **Mr Xavier Kurian,** *Director Solutions & Alliances, DellEMC* |
| 04:00 - 04:30 PM | **Tea Break & Networking** |
| 04:30 - 05:30 PM | **AI Quiz -** by **Dr. Jayadeepa,** *Chief Scientific Officer, ICL* |
| 05:30 - 06:00 PM | <u>Keynote address</u><br>**Trends in AI –** by **Dr. Mark Michalski,** *MGH & BWH Center for Clinical Data Science* |
| 06:00 PM | **Closing remarks & Vote of Thanks** |

**Organized by**
**Telerad Tech | Image Core Lab**



**Venue**
Telerad Auditorium, Telerad Tech, Second Floor, Plot No. 7G, Opposite Graphite India, Whitefield, Bengaluru, Karnataka - 560048, INDIA

**For more information please contact –**

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**About Telerad Tech:**

Telerad Tech was established in 2009 with the goal of optimizing radiology productivity and improving patient outcome delivery through transformational medical imaging software solutions. Today, it is amongst the market leaders in providing integrated RIS-PACS software solutions for teleradiology, medical imaging centers, and hospitals of all sizes globally. Telerad Tech's solutions cater to workflows needs across departments, including Radiology, cardiology, and Veterinary. Telerad Tech is also a global frontrunner in Artificial Intelligence in Radiology.

**About ICL:**

From a small team of Technology innovators and eminent radiologists, ICL now comprises a huge team of expert advisory board and highly qualified, fellowship trained American UK and Indian Board-Certified Radiologist. (American Board-Certified Radiologists (ABRs), Fellowship of Royal College of Radiologists (FRCRs) and MDs). ICL is a niche market player known for its World Class Core Image Solutions. We bring you the same outstanding consistency and professionalism, backed by the pioneers of cross border reporting - Teleradiology Solutions.