**Mini Symposium**

**Advanced MRI Methods and Applications in the Brain**

**Date:** Monday, 4 June 2018  
**Time:** 10:00 — 12:35 (Light lunch will be served afterwards)  
**Venue:** Mrs Chen Yang Foo Oi Telemedicine Centre (MTC), 2/F, William MW Mong Block, 21 Sassoon Road, Pokfulam, Hong Kong

**Overseas Speaker:**

**Professor Weili Lin (USA)**  
Director, Biomedical Research Imaging Center  
Dixie Lee Boney Soo Distinguished Professor of Neurological Medicine  
Professor and Vice Chair of Basic Research, Radiology and Professor, Biomedical Engineering, Neurology and School of Pharmacy  
University of North Carolina at Chapel Hill, North Carolina, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Lectures</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 – 10:40</td>
<td>Discovering brain connectome: A window into early brain structural and functional development</td>
<td>Prof. Weili Lin (USA)</td>
</tr>
</tbody>
</table>
| 10:40 – 11:00 | Tracking brain motion during the cardiac cycle using spiral cine-DENSE MRI | Dr. Jing Cai  
Associate Professor, Dept. of Health Technology and Informatics, The Hong Kong Polytechnic University |
| 11:00 – 11:20 | Probing macromolecular properties of tissues using spin-lock MRI          | Dr. Weitian Chen  
Assistant Professor, Dept. of Imaging and Interventional Radiology, The Chinese University of Hong Kong |
| 11:20 – 11:40 | Optogentic fMRI dissection of brain networks and functions               | Dr. Alex Leong  
Postdoctoral Fellow, Dept. of EEE, The University of Hong Kong                                |
| 11:40 – 12:00 | 3-Dimensional diffusion MRI                                              | Dr. Charles HC Chang  
Research Assistant Professor, Dept. of Diagnostic Radiology, The University of Hong Kong          |
| 12:00 – 12:20 | Double-pulsed diffusional kurtosis imaging                               | Dr. Edward S Hui  
Research Assistant Professor, Dept. of Diagnostic Radiology, The University of Hong Kong            |
| 12:20 – 12:35 | FAQs                                                                     | ALL                                                                                       |