

**The First ASEAN School of Magnetic Resonance  
Imaging Technology**

**“Physics and Technical Concepts of  
Magnetic Resonance Imaging”**

**In conjunction with**

**The 2015 Annual Conference of the Thai Society  
of Radiological Technologists (TSRT)**

**Date:** 29 April – 1 May 2015

**Venue:** Eastern Grand Palace Hotel, Pattaya, Thailand

**Language:** English

**Faculty:** Michael L Grey, Ph.D. , Southern Illinois University, USA

Suwit Saekho, Ph.D., Chiang Mai University, Thailand

Napapong Pongnapang, Ph.D., Mahidol University, Thailand

**Program:**

**April 29, 2015**

<b>Time</b>	<b>Topic</b>	<b>Lecturer</b>
13.00-13.45	Basics of MRI Physics	Suwit
13.45-14.30	K-space and Imaging theory	Suwit
14.30-14.45	Coffee Break	
14.45-15.30	MR Instrument	Michael
15.30-16.15	Basic Pulse Sequences	Suwit
16.15-16.30	Q&A	

**April 30, 2015**

<b>Time</b>	<b>Topic</b>	<b>Lecturer</b>
<b>8.30-9.15</b>	<b>Advanced Pulse Sequences</b>	<b>Suwit</b>
<b>9.15-10.00</b>	<b>MR Imaging Parameters I</b>	<b>Michael</b>
<b>10.00-10.15</b>	<b>Coffee Break</b>	
<b>10.15-11.00</b>	<b>MR Imaging Parameters II</b>	<b>Michael</b>
<b>11.00-11.45</b>	<b>MRI Contrast Agents</b>	<b>Michael</b>
<b>11.45-12.00</b>	<b>Q&amp;A</b>	
<b>12.00-13.00</b>	<b>Lunch</b>	
<b>13.00-13.45</b>	<b>Basics of MRA</b>	<b>Michael</b>
<b>13.45-14.30</b>	<b>Diffusion Imaging</b>	<b>Napapong</b>
<b>14.30-14.45</b>	<b>Perfusion Imaging</b>	<b>Napapong</b>
<b>14.45-15.30</b>	<b>Magnetic Resonance Spectroscopy</b>	<b>Napapong</b>
<b>15.30-16.15</b>	<b>Advanced MRI methods</b>	<b>Suwit</b>
<b>16.15-16.30</b>	<b>Q&amp;A</b>	

**May 1, 2015**

<b>Time</b>	<b>Topic</b>	<b>Lecturer</b>
<b>9.00-9.45</b>	<b>Common Artifacts</b>	<b>Michael</b>
<b>9.45-10.30</b>	<b>MR Safety</b>	<b>Suwit</b>
<b>10.30-10.45</b>	<b>Coffee Break</b>	
<b>10.45-11.30</b>	<b>Performance Assessment and QA</b>	<b>Napapong</b>
<b>11.30-12.00</b>	<b>Q&amp;A</b>	