



**Mahidol University - Macquarie University  
Science, Technology and Engineering Joint Symposium  
At Faculty of Science, Mahidol University, Phayathai campus  
Friday 26<sup>th</sup> July 2019**

<b>Time (hr.)</b>	<b>Activity</b>
09.00 – 12:00	<p>Welcoming remarks by Dean of Faculty of Science</p> <p>Joint symposium for Science (Room K102, Chalermprakiat Building, Faculty of Science, Phayathai Campus) 20 – 40 minutes each including departmental introduction and Q&amp;A</p> <ul style="list-style-type: none"><li>• Prof. Michelle Leishman &gt; Head of Department of Biological Sciences <i>Introduction to biological sciences at Macquarie University &amp; The value of urban green spaces in an increasingly urbanized and hot world</i> (40 minutes)</li><li>• Assoc. Professor Dr. Sompoad Srikosamatara, Department of Biology, SC <i>Biodiversity pl-atforms for green ca-mpus: limitations of bottom-up approaches</i> (20 minutes)</li><li>• Prof. Jim Denier &gt; Head of Department, Department of Mathematics and Statistics <i>Research in the Mathematical Sciences at Macquarie University &amp; Research in Applied Mathematics at Macquarie University</i> (40 minutes)</li><li>• Dr. Somsak Orankitjaroen, Department of Mathemetics, SC <i>“Research Areas in Mathematics Department, Faculty of Science, Mahidol University”</i> (20 minutes)</li><li>• Prof Richard de Grijs, and Prof. Judith Dawes &gt; MQ Physics <i>Uncovering the mysteries of the local Universe: Astronomy and astrophysics at Macquarie University &amp; An overview of MQ Photonics Research Centre and Some Applications of Nanophotonics</i> (40 minutes)</li><li>• Professor Dr. David John Ruffolo, Department of Physics, SC <i>Research Topics in the Department of Physics</i> (20 minutes)</li></ul>
13:00 – 14:00	<p>Experience sharing (Room K102 ,Chalermprakiat Building, Faculty of Science, Phayathai Campus)</p> <ul style="list-style-type: none"><li>• Assoc. Prof. James Downes &gt; Associate Dean, Learning and Teaching (and Professor in Physics) <i>Curriculum design, program design, and STEM teaching</i> (30 minutes) including Q&amp;A</li></ul>