

French American Workshop

8th edition

<p>Friday 7 June 2019</p> <p>Maison MINATEC – 3 Parvis Louis Néel, Grenoble Room Chrome 1</p> <p>Morning program</p>	
8.30am	Welcome Coffee
9 am- 9.45am	<p>Introduction of the GIANT campus and local ecosystem</p> <p>Francine Papillon, GIANT Innovation campus</p>
9.45- 10.45am	<p>3' networking pitch by attendees</p> <p>3-minute clip or 3-slide presentations introducing students & research fellows</p>
10.45- 11.00am	Coffee Break
11.00am- 11.30am	Opportunities in research, education and entrepreneurship in France
11.30am- 12.15pm	<p>Talk & connect</p> <p>Panel of members of the local North American community</p>

French American Workshop

8th edition

<p>Friday 7 June 2019</p> <p>Maison MINATEC – 3 Parvis Louis Néel, Grenoble</p> <p>Afternoon program</p>	
<p>12.30pm- 1.15pm</p>	<p style="text-align: center;">Midi-MINATEC conference</p> <p style="text-align: center;">Auditorium Platine</p> <p style="text-align: center;">Embedded Rainforest Protection System Project <i>DrCarolynn Bernier, CEA</i></p> <p>Rainforest Connection is a startup founded in 2013 and based in San Francisco that develops solutions to fight illegal logging and animal poaching in tropical forests. RFCx has developed a bio-acoustic rainforest monitoring and alert system by combining cloud-based artificial intelligence (AI) and wireless communications.</p> <p>A team of second year engineering students from ENSIMAG, Victor Bros, Nathan Buche, Marcos Felipe Nunes Lino Ribeiro, Louis Lerbourg, Yoann Rey-Ricord, supervised by Carolynn Bernier of CEA, LETI decided to embed the AI decision engine, a convolutional neural network, directly on the wireless guardian. This way, only alerts are transmitted to the cloud and to the nearby forest wardens. With a low power, long range IoT communications system, alerts can be sent more reliably and over greater distances.</p>
<p>1.15pm- 2pm</p>	<p style="text-align: center;">Networking lunch with French American Workshop attendees</p> <p style="text-align: center;">Room Chrome 1</p>
<p>2pm-5pm</p>	<p style="text-align: center;">Visit of European Photon and Neutron Campus</p> <p style="text-align: center;"><i>For GIIP interns and Lehigh/UIIN group only – bring your passport</i></p>