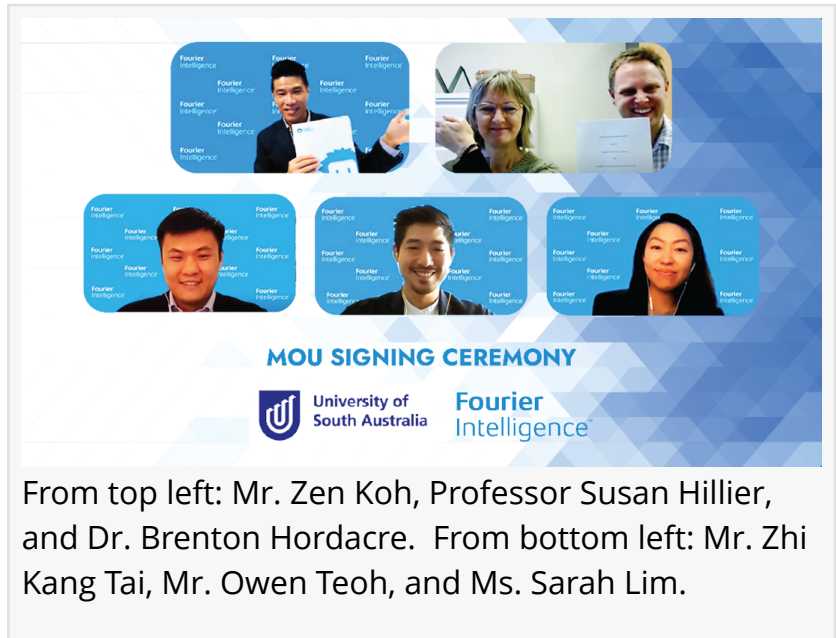


Revolutionary University and Industry Partnership between Fourier Intelligence and the University of South Australia

Fourier Intelligence partners with the University of South Australia to advance innovative technology-based rehabilitation and cutting-edge research

ADELAIDE, AUSTRALIA, August 16, 2021 /EINPresswire.com/ -- Fourier Intelligence has announced a partnership with the University of South Australia. This partnership is aligned with both parties that envision well-integrated technology-led rehabilitation. Both parties signed a Memorandum of Understanding (MOU) in a recent virtual signing ceremony.



From top left: Mr. Zen Koh, Professor Susan Hillier, and Dr. Brenton Hordacre. From bottom left: Mr. Zhi Kang Tai, Mr. Owen Teoh, and Ms. Sarah Lim.

Building upon Fourier Intelligence's group therapy concept, the university will focus on group upper limb therapy via the [ArmMotus™ M2](#) device. The devices used will enable the users to undertake competitive games and, in the future, collaborative games in real-time. The devices have haptic feedback technology to recreate the experience of touch and encourage users to sense their virtual environment.

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Fourier is thrilled to partner with the University of South Australia; we believe providing students with early exposure to rehab technology is critical in pushing innovation”

Mr. Zen Koh, Fourier Intelligence's Global Hub Chief Executive Officer

The MOU was signed by Professor Susan Hillier, Dean of Research in Allied Health & Human Performance at the University of South Australia, and Mr. Zen Koh, Fourier Intelligence's Global Hub Chief Executive Officer. The signing was witnessed by Dr. Brenton Hordacre, lecturer and research fellow at the University of South Australia,

and Ms. Sarah Lim, Senior Manager of Clinical Application and Research at Fourier Intelligence.

Both the General Manager, Mr. Owen Teoh, and Business Development Director, Mr. Zhi Kang Tai of Fourier Intelligence attended the simple virtual ceremony too.

"Technology makes all the difference in rehabilitation after a surgery or injury," said Mr. Zen Koh. "Fourier is thrilled to partner with the University of South Australia; we believe providing students with early exposure to rehab technology is critical in pushing innovation."

"The university has a vision for being a center of excellence for technology-based rehabilitation and Brenton and his team are spearheading that," said Professor Hillier.

"It is not only great that we can expose students to these technologies in the student-led clinic, but we can also educate the public via workshops. That positions us as the leaders within the rehabilitation field, thanks to Fourier's help."

The ArmMotus™ M2 was contributed in-kind, in accordance with their 3rd Global Hub anniversary in May, to the University of South Australia as part of Fourier Intelligence's effort of increasing technology adoption at the university level.

"We've had the ArmMotus™ M2 for a couple of months now and the patients really enjoy the device. They want to increase their intensity and the device has been fantastic at keeping the patients engaged," said Dr. Hordacre.

"It's wonderful to partner with the University of South Australia and encourage early usage for students to use within their student-led clinic. Early exposure to technology will definitely pave



A patient training with the ArmMotus™ M2 at the student-led clinic



Two ArmMotus™ M2 interconnected for competitive games

the way of getting groundbreaking rehabilitation technology as a core part of the future of rehabilitation," added Ms. Sarah Lim.

The ArmMotus™ M2 is part of Fourier Intelligence's [RehabHub™](#). The RehabHub™ concept integrates the different rehabilitation devices to create a standardized platform for therapists to provide intensive rehabilitation, allowing a streamlined approach to group therapy.



Fourier Intelligence's RehabHub™

The partnership will focus on investigating the clinical application of technology after a neurological injury such as stroke and spinal cord injuries. Eventually, the partnership will collaborate on multi-center trials that will involve Fourier Intelligence's extensive global network of researchers and laboratories.

About Fourier Intelligence

Fourier Intelligence is a technology-driven company, infusing creativity into exoskeleton and rehabilitation robotics development since 2015. The company's name derives from 'Fourier Transform', which is named in honor of Jean-Baptiste Joseph Fourier (Mar 21, 1768 – May 16, 1830), a French mathematician. Fourier Transform is a mathematical operation that changes the domain (x-axis) of a signal from time to frequency. Together with researchers, engineers, therapists, patients, and various strategic stakeholders, Fourier Intelligence aims to transform the industry by introducing an intuitive RehabHub™ and redefining rehabilitation and robotics solutions to enhance patients' lives.

About University of South Australia

The University of South Australia is the Australia's University of Enterprise on the global stage, agile and astute, known for relevance, equity, and excellence. We educate and prepare global learners from all backgrounds, instilling professional skills and knowledge, and capacity and drive for lifelong learning. We undertake research that is inspired by global challenges and opportunities, delivers economic and social benefits, and which informs our teaching. We operate through a partnered, end-user informed culture of teaching and research with a commitment to outstanding service, continuous improvement, and sustainability.

For media inquiries, please contact:

Sarah LIM (Senior Manager)

Fourier Intelligence

Phone: +65-6911-6651

Email: sarah.lim@fftai.com

Candy Gibson
UniSA Media
Phone: +61 434 605 142
Email: candy.gibson@unisa.edu.au

Sarah Lim
Fourier Intelligence International Pte. Ltd
+65 6911 6651
[email us here](#)

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