

## 2021 Mind-Body Interface Spring Lecture

\*Date & Time: 9:00-10:30am (Taiwan, GMT+8), Feb. 8

\*Moderator: Kuan Pin Su 蘇冠賓, MD, PhD (Taiwan)

\*Speaker: Paola Pedrelli, PhD (USA)

\*Title: From Machine to Mind: Leveraging Smart Phones and Wearable Sensors to Assess Depressive Symptoms

\*Abstract: Unlike other fields of medicine, psychiatry does not rely on objective indices to diagnose mental health disorders and to assess symptoms severity. Recent advances in the fields of engineering, computer science, and computational science have led to the development of novel methods to quantify and measure behavioral phenotypes of mental health disorders. In this presentation, Dr. Pedrelli will describe the concept of digital phenotyping and outline research measuring depressive symptoms severity by passively collecting objective behavioral and physiological data with wearable and mobile sensors.

\*Paola Pedrelli: [www.researchgate.net/profile/Paola\\_Pedrelli](http://www.researchgate.net/profile/Paola_Pedrelli)

\*Go Register: [www.mbisymposium.org](http://www.mbisymposium.org)

-Organizer: Tainan Municipal An-Nan Hospital & Mind-Body Interface Research Center (MBI-Lab), China Medical University, Taiwan

-Co-organizer: Taiwan Association Against Depression (TAAD), Taiwanese Society for Nutritional Psychiatry Research (TSNPR), Taiwan Society of Psychophysiology (TSP) & Taiwan Allied Centers for Integrative TMS (TACIT)

#2021MBISpringLecture #FromMachineToMind

#2021Feb8 #Free #Webinar

報名參加 2 月 8 日舉行的 2021 身心介面春季演講暨台南市立安南醫院院慶學術活動，這是免費網路研討會。登入 MBI 網頁立即註冊@ [www.mbisymposium.org](http://www.mbisymposium.org)

\*日期及時間: 2/8 日，上午 9:00-10:30

\*主持人: 蘇冠賓醫師, 博士(台灣)

\*演講者: Paola \_ Pedrelli, 博士(美國)

\*演講內容: 與醫學的其他領域不同，精神病學並不依靠客觀的指數來診斷心理健康障礙和評估其症狀的嚴重程度。因此工程學、計算機科學和計算科學領域的

最新進展，開發量化和測量心理健康障礙行為表型的新方法。在本演講中，Paola Pedrelli 博士將描述數字表型的概念，並概述通過使用可穿戴和移動傳感器被動收集客觀行為和生理數據來測量抑鬱症狀嚴重程度的研究。

\* Paola Pedrelli: [www.researchgate.net/profile/Paola\\_Pedrelli](http://www.researchgate.net/profile/Paola_Pedrelli)

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\*組織者: 台南市立安南醫院&中國醫藥大學附設醫院身心介面研究中心, 台灣

\*共同組織者: 台灣憂鬱症防治協會(TAAD), 台灣營養精神研究學會(TSNPR), 台灣精神生理學會(TSPP)和台灣 TMS 整合治療聯盟心(TACIT)