

Joint CQSE and CASTS Seminar

2020

December 25, Friday

TIME Dec. 25, 2020, 2:30~3:30pm
TITLE Beyond the Photonics, Quantum Information Technology & Industry Emerge and Start Revolution & Evolution
SPEAKER Murphy Lin
Director, Photonics Industry & Technology Development Association
PLACE Rm104, Chin-Pao Yang Lecture Hall,
CCMS & New Physics Building, NTU

Outline:

- Introduction of Photonics Industry & Technology Development Association, PIDA
- The Historical View of Light, from Photon, Lightwave, Electromagnetic Wave, Quantum, Wave-Particle Duality to Wave-function, as well as classical Quantum and modern Quantum.
- Why is Quantum Technology the Next Era?
- Quantum Technology Overview and Applications- Quantum Sensing, Quantum Communication, Quantum Computing.
- What's the Quantum Peripherals? Photon Sources, Photon Detectors, Quantum Memories & Repeaters and so on.
- What are the Hegemonies doing to reach "Quantum Supremacy"?

Biography Brief:

林穎毅 Murphy Lin

現職 CURRENT POSITION

- 光電科技工業協進會 光技術資訊服務部 總監/Director, PIDA

經歷 EXPERIENCE

- 拓璞科技股份有限公司 研究經理/Research Manage, Topology Research Institute
- 宏碁科技股份有限公司 總經理特助/Special Assistant to GM, Fornex Technology Corp

學歷 EDUCATION

- 1996 美國紐約大學 電機碩士/E.E., Tandon School, NYU
- 1990 東海大學物理系/Physics, Tunghai University

榮譽 HONOR

- 台灣光學工業同業公會 常務理事/Director, Taiwan Optics Association, TOA
- Committee, The International Conference on Optics-photonics Design & Fabrication, ODF
- 中華民國對外貿易發展協會辦理經濟部「爭取全球政府採購商機(GPA 專案)計畫」之專家顧問 /Expert Consultant, GPA Project, TAITRA



- N O T I C E -

▲Please swipe NTU card / ID card when entering CCMS-Phys. Building. ▲The seminar is also open to non-NTU members; hence all participants must wear a mask. ▲We provide alcohol sanitizer to keep your hands clean.

