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WORK EXPERIENCES:

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| 2016-present | Associate Professor, Department of Materials Science and Engineering National Chiao Tung University |
| 2014-2016 | Assistant Professor, Department of Materials Science and Engineering National Chiao Tung University |
| 2010-2014 | Assistant Professor, Department of Chemical & Materials Engineering National Central University |
| 2018-present | Field Expert, Board of Science & Technology, Executive Yuan |
| 2018-present | Distinguished Researcher, Industrial Technology Research Institute |
| 2016-2018 | Adjunct Senior Researcher, Industrial Technology Research Institute |
| 2015-present | Editorial Board Member Scientific Reports |
| 2017-present | Executive Editor Taiwan Neutron Science Society Letters |
| 2019 | Guest Editor, Access Volume 44, Issue 11 (High-temperature Materials for Structural Applications) MRS-Bulletin |
| 2019~present | Guest Editor, Special Issue "Asia-Oceania Neutron and Advanced Photon Source for Industrial Applications" Quantum Beam Science |
| 2017 | Chair of Users' Executive Committee Natioanl Synchrotron Radiation Research Center |
| 2017 | Chair of Neutron Users' Executive Committee Natioanl Synchrotron Radiation Research Center |

- 2016 Vice Chair of Users' Executive Committee
Natioanl Synchrotron Radiation Research Center
- 2016 Vice Chair of Neutron Users' Executive Committee
Natioanl Synchrotron Radiation Research Center

AWARDS AND HONORS:

- 2019 Distinguished Mentor Award, National Chiao Tung University
- 2019 Ta-You Wu Memorial Award Project, Ministry of Science and Technology
- 2018 Excellent Young Scholar Project Award, Ministry of Science and Technology
- 2018 Innovation in Taiwan Award (國家新創獎; Prof. Nien-Ti Tsou is the Principal Investigator)
- 2017 Ta-You Wu Memorial Award, Ministry of Science and Technology
- 2017 Young Researcher Award, Materials Research Society-Taiwan (MRS-T)
- 2017 Outstanding Alumni Award, Chang Gung University
- 2016 Distinguished Mentor Award, National Chiao Tung University
- 2016 Young Leaders Professional Development Award, Structural Materials Division, the Minerals, Metals & Materials Society (TMS)
- 2015 Representative of the TMS for the Emerging Leaders Alliance Conference
- 2015 Excellent Young Scholar Project Award, Ministry of Science and Technology
- 2013 Honorable Mention of Service Learning Pilot Program Contest, College Division, the Youth Development Administration, Ministry of Education
- 2013 Distinguished Service Learning Award, The National Central University
- 2012 Science & Technology Research Promotion Incentive Award, The National Central University
- 2012 Teaching & Research Incentive Award, The National Central University
- 2011 Teaching & Research Incentive Award, The National Central University
- 2010 Research, Teaching & Service Contribution Incentive Award, The National Central University
- 2009 Ludo Frevel Crystallography Scholarship Award, The International Centre for Diffraction Data (ICDD).
- 2009 Extraordinary Professional Promise of Chancellor's Honors, The University of Tennessee Citation Award.
- 2009 Graduate Student Award for Excellence in Research, the Materials Science & Engineering Department Honors Banquet, The University of Tennessee.
- 2008 Travel Award of 2008 American Conference on Neutron Scattering granted by Neutron Scattering Society of America (NSSA).
- 2007 Scholarship granted by the ASM Oak Ridge Chapter Educational Symposium.
- 2007 Travel Award granted by The University of Tennessee for 2007 Minerals, Metals & Materials Society (TMS) Meeting.
- 2006 8th National School on Neutron and X-ray Scattering, the Education Program of Argonne National Laboratory.
- 2006 Travel Award of 2006 American Conference on Neutron Scattering granted by Neutron Scattering Society of America (NSSA).
- 2005 2nd Los Alamos Neutron School, Los Alamos National Laboratory.
- 2002 The Phi Tau Phi Scholastic Honor.
- 2002 President Award of Engineering School, National Dong-Hwa University.

ADVISEES' AWARDS AND HONORS:

- 2019 3rd Prize Award of Outstanding Research from the 25th NSRRC Users' Meeting, 高竹均
- 2019 Award of Recognition, Poster Contest in Materials Science. from the 25th NSRRC Users' Meeting, 劉佳柔
- 2019 Award of Recognition, Oral Presentation Contest in Materials Science. from the 25th NSRRC Users' Meeting, 吳思謙

- 2018 **First Prize Award of Outstanding Research from the 24th NSRRC Users' Meeting, Tu-Ngoc Lam (林秀玉)**
- 2018 **DESY - Summer Students - DESY Summer Student Programme 2018, (曾冠穎), \$1,100 EU/Month**
- 2017 **材料創新獎第一名, 材料學會, (曾冠穎)**
- 2017 Student Presentation Outstanding Research Award in Materials Science from the 23rd NSRRC Users' Meeting, (張維)
- 2017 Student Presentation Research Award in Materials Science from the 23rd NSRRC Users' Meeting, (饒育綸)
- 2017 Student Poster Presentation Award, the 2017 Taiwan Neutron Science Society Annual Meeting, (饒育綸)
- 2017 Student Poster Presentation Award, the 2017 Taiwan Neutron Science Society Annual Meeting, (黃子軒)
- 2015 振鋒企業 YOKI 論文獎佳作, 台灣金屬熱處理學會 2015 年會員大會暨論文研討會, (溫明憲)
- 2015 Third Prize Award of the Student Poster Presentation, the 2015 Taiwan Neutron Science Society Annual Meeting, *Hao Cheng Thong* (湯浩正)
- 2014 **Excellent Engineering Student Scholarship (103 年度優秀工程學生獎學金), the Chinese Institute of Engineers (CIE) (中國工程師學會), Shao-Gang Cheng (程紹綱)**
- 2014 **Student Travel Award \$600USD, 2014 American Conference on Neutron Scattering (ACNS), Chih-Ying Liu**
- 2014 **Student Poster Presentation Award, International Union of Materials Research Societies – International Conference on Electronic Materials 2014 (IUMRS-ICEM 2014), Chih-Ying Liu**
- 2014 Student Poster Presentation Award, the 2014 International Symposium on Nano Science and Technology, *Shang-Yi Tu* and *Yi-Chuan Chao*
- 2013 **First Prize Award of the Student Oral Presentation Outstanding Research Award in Materials Science from the 20th NSRRC Users' Meeting, Chih-Ying Liu (柳芝瑩)**
- 2013 Student Poster Presentation Award, the 2013 Taiwan Neutron Science Society Annual Meeting, *Chih-Ying Liu, Liao-Tzu Kang, Han-Sheng Chang, and Shang-Yi Tu*
- 2013 Student Poster Presentation Award, the 2013 International Symposium on Nano Science and Technology, *Bo-Han Wu, Liao-Tzu Kang, Chih-Ying Liu, and Yi-Chuan Chao*
- 2013 Student Poster Presentation Award, the 2013 Materials Research Society-Taiwan Annual Meeting, *Chih-Ying Liu*
- 2013 Second Prize, the Chemical & Materials Engineering Departmental Graduate Student Competition, National Central University, *Tian-Yu Lin*
- 2012 **First Prize Award, the 2012 International Symposium on Nano Science and Technology, Chung-Kai Chang**
- 2012 Student Poster Presentation Award, the 2012 International Symposium on Nano Science and Technology, *Yu-Lih Huang*
- 2012 Student Poster Presentation Award, the 2012 Taiwan Neutron Science Society Annual Meeting, *Yu-Lih Huang*
- 2012 Student Research Scholarship granted by Taiwan Neutron Science Society, *Yu-Lih Huang, Ming-Hsien Wen, Tian-Yu Lin, Jer-Yi Liao, Bo-Han Wu, Liao-Tzu Kang, and Chih-Ying Liu*
- 2012 The 16th Jülich Centre for Neutron Science (JCNS) Laboratory Course - Neutron Scattering 2012, *Shan-Yu Wu*
- 2012 Student Oral Presentation Outstanding Research Award in Materials Science from the 19th NSRRC Users' Meeting, *Tian-Yu Lin*
- 2011 Outstanding Students Conference Travel Grant, Foundation for the Advancement of Outstanding Scholarship (FAOS), *Shan-Yu Wu*
- 2011 International Student Exchange Program Niigata University, *Shan-Yu Wu*
- 2011 The 4th Asia-Oceania Neutron Scattering Association (AONSA) Neutron School 2011, *Yu-Lih Huang*
- 2010 Knowledge Keeper Fellowship (讀書會報告獎助暨知識科門執守者), Archilife Research Foundation (祐生研究基金會), *Shan-Yu Wu*

2010 Exhibition of Undergraduate Research and Creative Achievement (EURēCA) Award, The University of Tennessee, Kyle Woods

Postdoctoral Researcher

Dr. Tu-Ngoc LAM (林秀玉) 2017/8/1~present and Dr. Yuan-Wei Chang (張元蔚) 2017~2018

ADVISEES (Graduate students)

Chung-Kai Chang (張仲凱, NSRRC), Kuan-Wei Li (李冠威), Shan-Yu Wu (吳珊瑀, Chi Mei Optoelectronics Corporation), Yu-Lih Huang (黃育立, Unimicron Technology Corporation), Ming-Hsien Wen (溫明憲), Tian-Yu Lin (林天鈺, Unimicron Technology Corporation), Jer-Yi Liao (廖哲儀, TSMC), Bo-Han Wu (巫柏翰), Liao-Tzu Kang (廖孜康, TSMC), Chih-Ying Liu (柳芝螢, PhD student of NTHU-CE), Yi-Chuan Chao (趙翊全), Shang-Yi Tu (杜尚益), Shi-Min Chen (陳仕珉), Tsung-Ruei Swei (隋宗叡), Yi-Hung Chen (陳翊閔), Hui-Tzu Yeh (葉蕙慈), Ying-Jhih Wang (王盈之), Yu-Lun Jao (饒育綸), Wei Chang (張維), Bo-Kai Chen (陳帛楷), Bo-Hong Lai (賴柏宏), Lia Amalia (Institut Teknologi Sepuluh Nopember, Indonesia), Mesti Nadya (Brawijaya University, Malang, Indonesia), 馬嘉瑩, 洪國育, 羅茂源, 高竹均, 李雁儒

ADVISEES (Undergraduate students)

University of Tennessee: Kyle Woods

National Central University: Jun-Ji Su (蘇俊吉, Graduate student of NTHU-NE), 劉秋霞, Shao-Gang Cheng (程紹鋼, Graduate student of NTHU-MSE), and Yi-Chun Hung (洪意鈞)

National Chiao Tung University: Hao Cheng Thong (湯浩正), 黃子軒, 曾冠穎, 高竹均, 羅茂源, 劉佳柔, 吳思謙, 周佑勳, 秦續軒, 于承棠, 楊雯琪, 易雨岑, 周敬哲,

ADVISEES (Oversea visitors)

City University of Hong Kong: Wing Ching CHAN 陳泳晴 (2019), Ka Man SO 蘇家敏 (2019), Kin Chi CHAN (2018), Jenny WOO (2018), Hyungkyung YOON (2018), King Fung YUEN (2018), Kin Ho FONG (2017), Ka Ho KWONG (2017), Tsz Fei CHAN (陳子飛, 2016/6/8~8/7), Ka Yu HO (何家裕, 2016/6/1~7/31), Ka-Ying Fan (范嘉盈, 2015/6/1~7/31), Chin-Ming Wu (胡展鳴, 2015/6/1~7/31), Shu-Yi Lam (林舒怡, 2015/6/1~7/31), Ho Chun Kwok (郭浩俊, 2014/6/3~7/30), Chun-long Cheng (鄭俊朗, 2014/6/3~7/30), and Hei-Yiu Lau, (劉熙堯, 2013/6/5~7/30)

Reutlingen University, Reutlingen, Germany: Maximilian Gernerding (2019/9~2020/1)

The National Institute of Engineering, Mysuru, India: Varshitha Manjunatha (2018/9~2019/5)

UNSW Sydney, Australia: Jie Min (2018/12~2019/2)

Can Tho University, Vietnam: Quan Long Dang (2018/9~2019/1)

Thammasat University, Thailand: Kanokwan Chantawee (2017/10~12)

College of New Materials and Nanotechnology, NUST “MISiS”, Moscow, Russia: Muhammad Ali (2016/8~2016/10)

Taiyuan University of Technology: Xing-Ge Xu (徐興閣, 2015/3/3~6/30)

ADVISEES (High school students)

Jia-Shian Wang (台中一中 王嘉賢, Undergraduate student of Hong Kong University)

Visiting Scholars

Dr. Jo-Chi Tseng (曾若綺), Deutsches Elektronen-Synchrotron, Germany, 2019

Prof. Jayant Jain, IIT, Delhi, India, 2017

Prof. Cevdet Noyan, Columbia University, USA, 2017

Prof./Associate Dean Jenn-Ming Yang, UCLA, USA, 2017

Prof./Director Takeshi Egami, Oak Ridge National Laboratory, USA, 2016

Prof. and Ivan Racheff Chair of Excellence, Peter K. Liaw, University of Tennessee, USA, 2016, 2018, 2019

Prof. Tamas Ungar, Eötvös University Budapest, Hungary, 2014 & 2016

Prof./Dean Paolo Scardi, Trento University, Italy, 2015

Dr. Y. Tong (全陽), City University of Hong Kong, 2015

Dr. Roza Barabash, Oak Ridge National Laboratory, USA, 2015

Dr./Industrial Liaison Manager Anna Paradowska, Australian Nuclear Science and Technology Organisation (ANSTO), Australia, 2014

Dr./Group Leader Gene Ice, Oak Ridge National Laboratory, USA, 2010



Dr. Anna Paradowska,
Industrial Liaison of
ANSTO

International
Network



Oak Ridge National Laboratory
Group Leader Gene Ice

Oak Ridge National
Laboratory (橡樹嶺國家實驗室)
Roza Barabash



Trento University Dean
Prof. Scardi



Budapest University
Tamas Ungar



ORNL JINS Director
Takeshi Egami



Columbia University
Department Head Noyan