

## Aim & Scope:

Like many applied areas in mathematics, optimization plays an important role in almost every aspect of industry and data sciences, but has its root in abstract theory of mathematics. We have a group of researchers in Taiwan working on optimization, ranging from non-convex quadratic programming; polynomial optimization; supply chain and inventory control;  $L_0$  norm optimization for reconstructing sparse signal solutions in compressive sensing, and many others. We feel that it would be exciting if we can get more people who want to share a break-through technique or two they know while applying optimization to different areas, we can all benefit from each other for a great mixture like that. We expect the two-days winter workshop on optimization will foster discussions within the community of Optimization in Taiwan.

**NCTS**  
National Center for Theoretical Sciences

Time  
**Dec. 12-13, 2019**

Venue  
**NCTS**

2019  
Winter  
Workshop on

# Optimization

## Invited Speakers

Ya-Chi Chu

Van-Doat Dang

Thi-Kim-Huyen Duong

Phuong-Chi Kieu

Sang-Ho Kum

Gue-Myung Lee

Gang-Xuan Lin

Jen-Yen Lin

Dong-Yen Nguyen

Huu-Quang Nguyen

Thanh-Chieu Nguyen

Van-Bong Nguyen

Tien-Son Pham

Ruey-Lin Sheu

Tamaki Tanaka

Hung-Cuong Tran

National Cheng Kung University

Thang Long High School

Vietnam Academy of Science and Technology

Saigon University

Chungbuk National University

Pukyong National University

Academia Sinica

National Chiayi University

Vietnam Academy of Science and Technology

National Cheng Kung University

National Taiwan Normal University

Tay Nguyen University

University of Dalat

National Cheng Kung University

Niigata University

Hanoi University of Industry

## Organizers

Gang-Xuan Lin

Jen-Yen Lin

Huu-Quang Nguyen

\*Ruey-Lin Sheu

Academia Sinica

National Chiayi University

National Cheng Kung University

National Cheng Kung University (main organizer)

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