

# PROGRAM

## 8:30 – 9:00 REGISTRATION | VENUE: MARQUEE TENT

9:00 – 9:20 NATIONAL ANTHEM

WELCOME REMARKS AND INTRODUCTION

**Celia Reyes**

President, Philippine Institute for Development Studies (PIDS)

9:20 – 9:40 KEYNOTE MESSAGE

**Ernesto Pernia**

Socioeconomic Planning Secretary, and Chairperson, PIDS Board of Trustees

## 9:40 – 12:30 SESSION 1: PLENARY SESSION | VENUE: MARQUEE TENT

Chair/Moderator:

**Coco Alcuaz**

Executive Director, Makati Business Club

Presenters:

The Coming Digital Technological Landscape, Breakthroughs, and a Glimpse into the Future

**Stephen Ezell**

Vice President, Global Innovation Policy | The Information Technology and Innovation Foundation

Asian Development Outlook 2018: How Technology Affects Jobs

**Yasuyuki Sawada**

Chief Economist, Asian Development Bank

Discussants (15 minutes each):

**Sherwin Gatchalian**

Senator, Republic of the Philippines

**Jaime Augusto Zobel de Ayala**

Chairman of the Board and CEO, Ayala Corporation

**Elmer Dadios**

University Fellow and Full Professor, Manufacturing Engineering and Management Department, Gokongwei College of Engineering, De La Salle University

OPEN FORUM

## 12:30 – 1:30 LUNCH | VENUE: MARQUEE TENT

## SESSION 2: PARALLEL SESSIONS

**1:30 – 3:30 AGRICULTURE, MANUFACTURING, AND SERVICES | VENUE: BATANES 1**

Chair/Moderator:

**Rafaelita Aldaba**

Assistant Secretary, Industry Development and Trade Policy Group,  
Department of Trade and Industry (DTI)

Presenters (20 minutes each):

Inclusive Innovation Industrial Strategy (i3S): Preparing for Industry 4.0

**Rafaelita Aldaba**

Better Future for All: Responsible Policies for Smart Economies

**Mia Mikic**

Director, Trade, Investment, and Innovation Division, United Nations  
Economic and Social Commission for Asia and the Pacific  
Chief, Trade Policy and Analysis Section and  
Coordinator, Asia-Pacific Research and Training Network on Trade

Linking Agriculture to Nutrition and Environment

**Eufemio Rasco Jr.**

Chair, Agricultural Sciences Division,  
National Academy of Science and Technology

Lessons Learned from Applications of Internet of Things at Social Spheres

**Shin-Horng Chen**

Director and Research Fellow, International Division  
Chung-Hua Institution for Economic Research

OPEN FORUM

**1:30 – 3:30 SCIENCE, TECHNOLOGY, AND INNOVATION | VENUE: BATANES 2**

Chair/Moderator:

**Carol Yorobe**

Undersecretary for Scientific and Technical Services,  
Department of Science and Technology (DOST)

Presenters (20 minutes each):

Building Globally Linked Manufacturing-and-R&D Science and Technology  
Innovation Ecosystems in the Philippines: An Indispensable Step  
Toward Inclusive National Development and to Preparing for the Fourth  
Industrial Revolution (FIRe)

**Joel Cuello**

President, Philippine-American Academy of Science and Engineering  
Professor of Biosystems Engineering, University of Arizona

Developing Human Capital in Science, Technology, and Innovation for the Fourth  
Industrial Revolution

**David Hall**

Senior Technical Advisor, Economic Development, RTI International

Data for the FIRe: DOST-ASTI's Science Infrastructure for Data and Computation

**Joel Joseph Marciano Jr.**

Acting Director, Advanced Science and Technology Institute, DOST

The Role of Government in Improving the Science and Technology Landscape for the Fourth Industrial Revolution

**Jose Ramon Albert and Ramonette Serafica**  
Senior Research Fellows, PIDS

OPEN FORUM

**1:30 – 3:30 LABOR MARKET AND SOCIAL PROTECTION | VENUE: MACTAN 1**

Chair/Moderator:

**Alex Villarosa Avila**  
Assistant Secretary for Workers Protection, Policy Support, Human Resource, Administrative, and Internal Auditing Services, Department of Labor and Employment

Presenters (20 minutes each):

The Future of Work and Social Protection

**Markus Ruck**  
Senior Specialist on Social Protection for the Philippines and South-East Asia, International Labour Organization

FIRe and the Employment Challenge

**Emmanuel Esguerra**  
Professor, School of Economics, University of the Philippines (UP) Diliman

The Social Implications of the Fourth Industrial Revolution in the Asia-Pacific Region

**Kostas Mavromaras**  
Director, Future of Employment and Skills Research Centre, University of Adelaide

OPEN FORUM

**1:30 – 3:30 HUMAN CAPITAL DEVELOPMENT | VENUE: MACTAN 2**

Chair/Moderator:

Commission on Higher Education

Presenters (20 minutes each):

Fourth Industrial Revolution: New Paradigm for Education and Training

**Michael Fung**  
Director, Training Partners Group  
Chief HR Officer and Chief Data Officer, SkillsFuture Singapore

More than Schooling: Returns to a Broader Set of Skills in Labor Markets

**Elizabeth King**  
Nonresident Senior Fellow, Brookings Institution  
Commissioner, International Initiative for Impact Evaluation

Mainstreamed AI and the FIRe: Implications on Education and Training in the Philippines

**Arnulfo Azcarraga**  
Professor, College of Computer Studies, De La Salle University

Facing FIRE with WAATER

**Ma. Victoria Bernido**

Directress, Central Visayan Institute Foundation, Inc. (CVIF)  
and 2010 Ramon Magsaysay Awardee

OPEN FORUM

**3:30 – 4:00 COFFEE BREAK | VENUE: MARQUEE TENT**

**4:00 – 6:00 SESSION 3: PLENARY SESSION – WAYS FORWARD | VENUE: MARQUEE TENT**

Chair/Moderator:

**Emmanuel De Dios**

Professor, School of Economics, UP Diliman  
President, Human Development Network

Panelists:

**Ramon Lopez**

Secretary, Department of Trade and Industry

**Eliseo Rio Jr.**

Acting Secretary  
Department of Information and Communications Technology

**Nestor Espenilla Jr.**

Governor, Bangko Sentral ng Pilipinas

**Peter Draper**

Executive Director, Institute for International Trade, University of Adelaide  
Co-Chair, Council on The Future of International Trade and Investment,  
World Economic Forum

**Christopher Bernido**

President, CVIF  
and 2010 Ramon Magsaysay Awardee

**Winston Damarillo**

Executive Chairman, Amihan Global Strategies

**Alvin Culaba**

Academician, Philippine National Academy of Science and Technology  
University Fellow and Full Professor, Mechanical Engineering Department,  
De La Salle University

6:00 CLOSING REMARKS

**Benjamin Diokno**

Secretary, Department of Budget and Management

**6:30 COCKTAIL RECEPTION**