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75<sup>TH</sup>  
ANNUAL  
ASSEMBLY  
T O K I O

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2022

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**IIW AWARDS**

Honouring significant contributions to welding and joining technology  
and the International Institute of Welding



Prof. Dorin Dehelean



Mrs. Teresa Melfi



Dr. John C. Lippold



Dr. Zheng Sun



Dr. Warren Miglietti



Mr. Dan Tadic



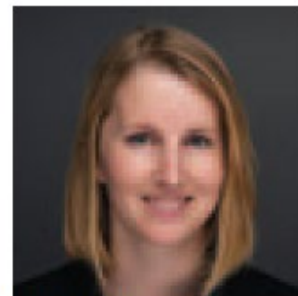
Mr. Bruce Cannon



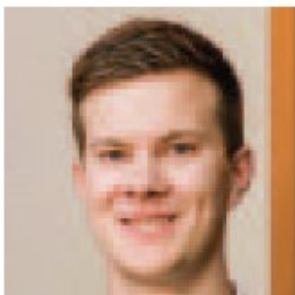
Dr. Tomoyuki Ueyama



Dr. Jun Xiao



Mrs. Anna Regensburg



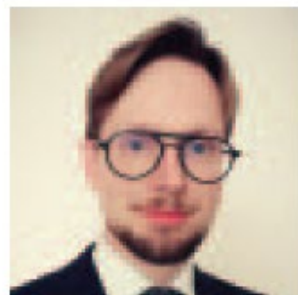
Dr. Mitchell R. Grams



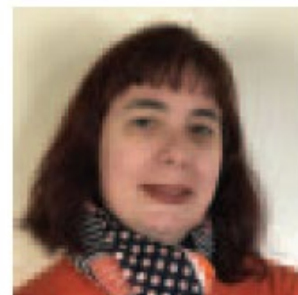
Dr. Eng. Eisaku Ito



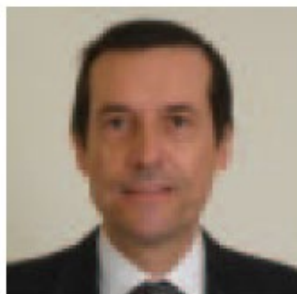
Dr. Zhang Jinwen



Mr. Florian Pixner



Mrs. Asun Valiente



Dr. Giovanni Meneghetti



Dr. Nick Peterson

# AWARDS FOR CAREER ACHIEVEMENTS AND CONTRIBUTIONS TO IIW

## FELLOW OF THE IIW

### SPONSORED BY IIW

Recognizes individuals with a minimum of 10 years' active participation in IIW who have made distinguished contributions to welding science and technology and promoted and sustained the professional stature of the field

**DORIN DEHELEAN**



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**TERESA MELFI**



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**JOHN LIPPOLD**





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**ZHENG SUN**



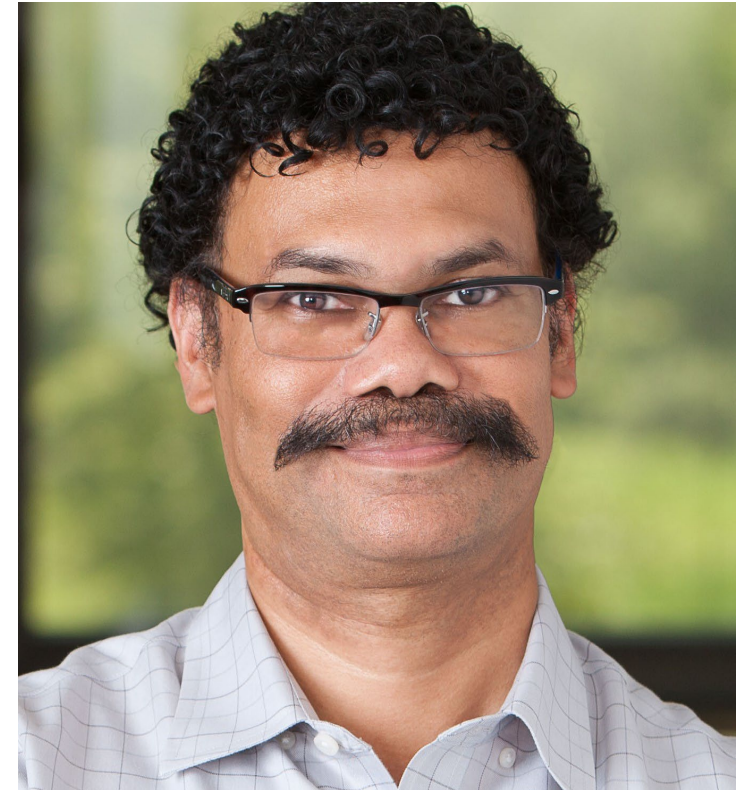
# AWARDS FOR CAREER ACHIEVEMENTS AND CONTRIBUTIONS TO IIW

## ARTHUR SMITH AWARD

SPONSORED BY THE UNITED KINGDOM  
DELEGATION

Conferred upon an individual who, over numerous years, has given dedicated service to the objectives of IIW, particularly in the work of the Commissions

**WARREN MIGLIETTI**



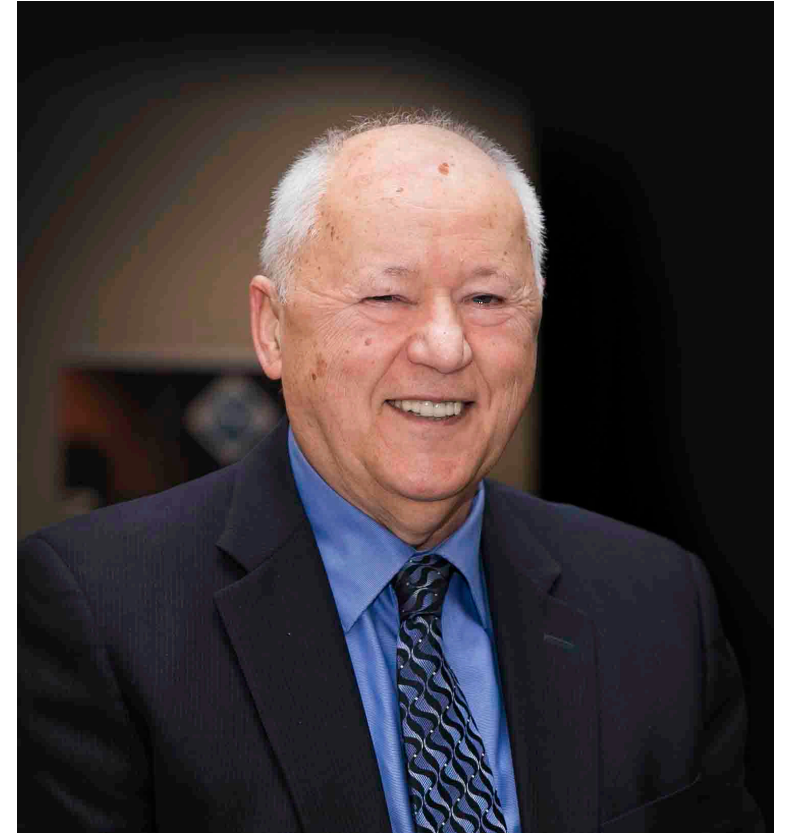
# AWARDS FOR CAREER ACHIEVEMENTS AND CONTRIBUTIONS TO IIW

## CHRIS SMALLBONE AWARD

SPONSORED BY IIW MEMBER SOCIETIES FROM  
BULGARIA, GREECE, ROMANIA,  
SLOVENJA AND SERBIA

Conferred on an outstanding individual who has made a significant contribution to improving the global quality of life through optimum use and innovation of welding and joining technologies in their region or internationally

**DAN TADIC**





# AWARDS FOR CAREER ACHIEVEMENTS AND CONTRIBUTIONS TO IIW

## **THOMAS MEDAL**

**SPONSORED BY THE AMERICAN WELDING  
SOCIETY**

Rewards an individual who has been involved in IIW/ISO international standards activities and can deliver a lecture on the incorporation of global studies into the standardization for welding technologies

**BRUCE CANNON**



# AWARDS OUTSTANDING TECHNICAL ACHIEVEMENTS

## **HALIL KAYA GEDIK AWARD**

**SPONSORED BY THE TURKISH DELEGATION**

Recognizes a scientist or engineer's significant contributions to the advancement welding science and technology

**TOMOYUKI UEYAMA**



# AWARDS OUTSTANDING TECHNICAL ACHIEVEMENTS

## ANDRÈ LEROY PRIZE

SPONSORED BY THE FRENCH DELEGATION

ReRecognizes the contribution to scientific and/or technical training or teaching, welding processes or allied processes, the quality control of welded joints or of the results of the application of allied processes, problems raised by the behavior of materials and welded construction

**NICK PETERSON**



# AWARDS OUTSTANDING TECHNICAL ACHIEVEMENTS

## **UGO GUERRERA PRIZE**

**SPONSORED BY THE ITALIAN DELEGATION**

Recognises an individual or team responsible for fabrication of an outstanding recently completed welded construction from the viewpoints of design, materials or fabrication methods.

**ZHANG JINWEN REPRESENTING  
THE ENGINEERING TEAM OF THE  
OUTSTANDING  
“HONG KONG ZHUHAI MACAO  
BRIDGE**



# AWARDS OUTSTANDING TECHNICAL ACHIEVEMENTS

## WELDING IN THE WORLD BEST PAPER AWARD

CATEGORY A: WELDING PROCESSES AND ADDITIVE  
MANUFACTURING

SPONSORED BY IIW

In recognition of the outstanding research paper

Contactless temperature measurement in  
wire-based electron beam additive  
manufacturing Ti-6Al-4V

**F. PIXNER, R. BUZOLIN, S. SCHÖNFELDER, D.  
THEUERMANN, F. WARCHOMICKA & N. ENZINGER**





# AWARDS OUTSTANDING TECHNICAL ACHIEVEMENTS

## WELDING IN THE WORLD BEST PAPER AWARD

CATEGORY B: MATERIALS AND METALLURGY

SPONSORED BY IIW

In recognition of the outstanding research paper

Microstructure of laser metal deposited  
duplex stainless steel: Influence of shielding  
gas and heat treatment

**ASUN V. BERMEJO, K.T. PANDIAN,  
B. AXELSSON, E. HARATI, A.  
KISIELEWICZ, L. KARLSSON**



# AWARDS OUTSTANDING TECHNICAL ACHIEVEMENTS

## WELDING IN THE WORLD BEST PAPER AWARD

CATEGORY C: STRUCTURAL INTEGRITY, DESIGN AND FITNESS FOR  
SERVICE

SPONSORED BY IIW

In recognition of the outstanding research paper

Fatigue strength of austempered ductile iron-  
to-steel dissimilar arc-welded joints

**G. MENEGHETTI, A.  
CAMPAGNOLO, S. MASAGGIA**



# AWARDS OUTSTANDING TECHNICAL ACHIEVEMENTS

## **HENRY GRANJON CAT. A AWARD** **CATEGORY A: JOINING AND FABRICATION TECHNOLOGY** **SPONSORED BY THE FRENCH DELEGATION**

In recognition of his outstanding research paper  
'Intelligent Welding: Penetration Prediction and Control through  
Multi-source Visual Sensing and Deep Machine Learning based  
Decision Making'

**JUN XIAO**



# AWARDS OUTSTANDING TECHNICAL ACHIEVEMENTS

## **HENRY GRANJON CAT. B AWARD** **CATEGORY C: DESIGN AND STRUCTURAL INTEGRITY** **SPONSORED BY THE FRENCH DELEGATION**

In recognition of his outstanding research paper  
'Machine-learning-enabled digital twin of welded structures for  
rapid weld sequence  
design'

## **ANNE REGENSBURG**



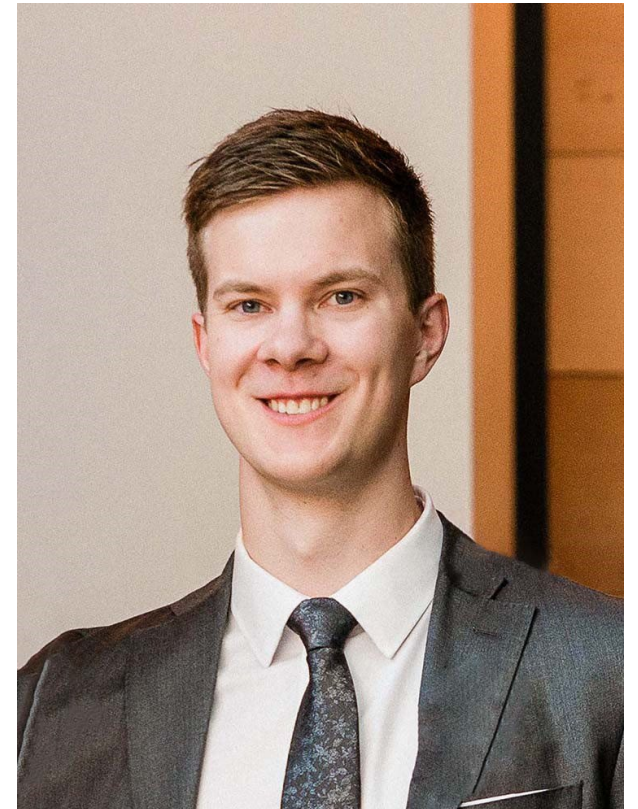
# AWARDS OUTSTANDING TECHNICAL ACHIEVEMENTS

## **HENRY GRANJON CAT. C AWARD**

**CATEGORY C: DESIGN AND STRUCTURAL INTEGRITY  
SPONSORED BY THE FRENCH DELEGATION**

In recognition of his outstanding research paper  
'Machine-learning-enabled digital twin of welded structures for  
rapid weld sequence  
design'

**MITCHELL GRAMS**





# ATTENDANCE RECOGNITION AWARD

## ATTENDANCE RECOGNITION AWARDS 2021

DAVID FINK 30 YEARS

MATHIAS LUNDIN 20 YEARS

SORIN KELLER 20 YEARS

JACOB WARDENIER 20 YEARS

INDERPAL S. JASWAL 10 YEARS

PATRICIO MENDEZ 10 YEARS

MICHINORI OKUBO 10 YEARS