

# International Symposium on Earthquake Engineering “Enhancement of Building Technologies for Resilient Cities”

CISMID| Japan Peru Center for  
Earthquake Engineering  
Research and Disaster  
Mitigation

**International Symposium on Earthquake Engineering**  
UNESCO-IPRED Regional Event

**“Enhancement of Building Technologies  
for Resilient Cities”**

PARTNER:  

30th Anniversary of the Structural Laboratory  
33rd Anniversary of CISMID-FIC-UNI

**21-23 AUGUST 2019**  
MORE INFORMATION:  
WEB: [cismid.uni.edu.pe](http://cismid.uni.edu.pe)  
[cismid.eventos@uni.edu.pe](mailto:cismid.eventos@uni.edu.pe)

 

## Report of Contributions

Contribution ID : 2

Type : **Keynote speaker**

## **Observed Wave Propagation by Strong motion registers during Lagunas Earthquake 26/5/2019**

*Wednesday, 21 August 2019 10:40 (40)*

Open ceremony conference

### **Título de campo hola**

**Primary author(s)** : ALVA, Jorge (National Engineering University of Peru)

**Presenter(s)** : ALVA, Jorge (National Engineering University of Peru)

**Track Classification** : TS-1: Experimental Techniques for Structures and Soil Problems

Contribution ID : 3

Type : **Keynote speaker**

## **Comparison of factors to determine design seismic actions between ISO 3010, BSL of Japan, Eurocode 8 and IBC & ASCE7 of U.S.**

*Wednesday, 21 August 2019 12:00 (40)*

**Título de campo hola**

**Primary author(s) :** ISHIYAMA, Yuji

**Presenter(s) :** ISHIYAMA, Yuji

**Track Classification :** TS-4: Earthquake Engineering Design and Evaluation

Contribution ID : 4

Type : **Keynote speaker**

## **UNESCO's contribution to Disaster Risk Reduction**

*Wednesday, 21 August 2019 12:40 (40)*

**Título de campo hola**

**Primary author(s) :** FUKUI, Takeo

**Presenter(s) :** FUKUI, Takeo

**Track Classification :** TS-5: Multi-Hazard Risk Assessment in Rural and Urban Areas

Contribution ID : 5

Type : **Keynote speaker**

## **Intelligent Infrastructure, The Next Steps**

*Wednesday, 21 August 2019 15:30 (40)*

**Título de campo hola**

**Primary author(s)** : BOROSCHEK, Ruben

**Presenter(s)** : BOROSCHEK, Ruben

**Track Classification** : TS-3: Seismic Protection Systems

Contribution ID : 6

Type : **Keynote speaker**

## **The IGP and the challenge to implement early warning systems for earthquakes and volcanic eruptions in Peru**

*Wednesday, 21 August 2019 18:15 (50)*

**Título de campo hola**

**Primary author(s) :** TAVERA, Hernando

**Presenter(s) :** TAVERA, Hernando

**Track Classification :** TS-1: Experimental Techniques for Structures and Soil Problems

Contribution ID : 7

Type : **Keynote speaker**

# **Towards the Joint Estimation of Seismic and Tsunami Risk with Methods Based on Earthquake Rupture Physics**

*Thursday, 22 August 2019 10:00 (40)*

**Título de campo hola**

**Primary author(s) :** CREMPIEN, Jorge

**Presenter(s) :** CREMPIEN, Jorge

**Track Classification :** TS-1: Experimental Techniques for Structures and Soil Problems

Contribution ID : 8

Type : **Keynote speaker**

## **2011 Tohoku Eq. & Nankai Trough Eq./Tsunami**

*Thursday, 22 August 2019 10:40 (40)*

**Título de campo hola**

**Primary author(s)** : ANDO, Shoichi

**Presenter(s)** : ANDO, Shoichi

**Track Classification** : TS-5: Multi-Hazard Risk Assessment in Rural and Urban Areas



Contribution ID : 9

Type : **Keynote speaker**

## **A New Seismic Response Control Technique for Buildings using Block and Tackle**

*Thursday, 22 August 2019 12:00 (40)*

**Título de campo hola**

**Primary author(s)** : SAITO, Taiki

**Presenter(s)** : SAITO, Taiki

**Track Classification** : TS-3: Seismic Protection Systems

Contribution ID : 10

Type : **Keynote speaker**

## **Assessment Strategy of School Complex using VISUS Methodology**

*Thursday, 22 August 2019 12:40 (40)*

**Título de campo hola**

**Primary author(s)** : PEÑA, Edgar

**Presenter(s)** : PEÑA, Edgar

**Track Classification** : TS-5: Multi-Hazard Risk Assessment in Rural and Urban Areas

Contribution ID : 11

Type : **Keynote speaker**

## **A large-scale E-Defense shaking table test with pile foundations**

*Thursday, 22 August 2019 15:30 (40)*

**Título de campo hola**

**Primary author(s)** : KUSUNOKI, Koichi

**Presenter(s)** : KUSUNOKI, Koichi

**Track Classification** : TS-1: Experimental Techniques for Structures and Soil Problems

Contribution ID : 12

Type : **Keynote speaker**

## **Evolution of Seismic Resistant Regulations in Peru**

*Thursday, 22 August 2019 18:10 (50)*

**Título de campo hola**

**Primary author(s)** : PIQUE, Javier

**Presenter(s)** : PIQUE, Javier

**Track Classification** : TS-4: Earthquake Engineering Design and Evaluation

Contribution ID : 13

Type : **Keynote speaker**

## **Current trends and issues on multi-hazard early warning systems. Focus on the challenges for the integration of earthquake early warning systems**

*Friday, 23 August 2019 12:40 (40)*

**Título de campo hola**

**Primary author(s)** : TORRES, Jair

**Presenter(s)** : TORRES, Jair

**Track Classification** : TS-5: Multi-Hazard Risk Assessment in Rural and Urban Areas

Contribution ID : 14

Type : **Keynote speaker**

## **The importance of the Structural Accumulated damage due to Earthquakes in the Anti-Seismic Design**

*Friday, 23 August 2019 15:30 (40)*

**Título de campo hola**

**Primary author(s) :** RODRIGUEZ, Mario

**Presenter(s) :** RODRIGUEZ, Mario

**Track Classification :** TS-2: Repair and Retrofit of Essential Facilities and Structures

Contribution ID : 15

Type : **Keynote speaker**

## **Development of fragility curves of Japanese buildings based on the 2016 Kumamoto earthquake**

*Friday, 23 August 2019 16:10 (60)*

**Título de campo hola**

**Primary author(s)** : YAMAZAKI, Fumio

**Presenter(s)** : YAMAZAKI, Fumio

**Track Classification** : TS-5: Multi-Hazard Risk Assessment in Rural and Urban Areas

Contribution ID : 16

Type : **Keynote speaker**

## **Design and construction of masonry structures according to European regulations**

*Friday, 23 August 2019 10:00 (40)*

**Título de campo hola**

**Primary author(s)** : MAURIAL, Andreas

**Co-author(s)** : SCHERMER, Detleff

**Presenter(s)** : MAURIAL, Andreas; SCHERMER, Detleff

**Track Classification** : TS-4: Earthquake Engineering Design and Evaluation



Contribution ID : 17

Type : **Keynote speaker**

## **Damage Limit States for Confined Masonry Walls Based on Experimental Test**

*Friday, 23 August 2019 10:40 (40)*

**Título de campo hola**

**Primary author(s)** : ZAVALA, Carlos

**Presenter(s)** : ZAVALA, Carlos

**Track Classification** : TS-2: Repair and Retrofit of Essential Facilities and Structures

Contribution ID : 18

Type : **Keynote speaker**

## **Seismic Reliability on Civil Engineering Structures**

*Friday, 23 August 2019 12:00 (40)*

**Título de campo hola**

**Primary author(s)** : BAZAN, Enrique

**Presenter(s)** : BAZAN, Enrique

**Track Classification** : TS-4: Earthquake Engineering Design and Evaluation