



16th PCSMGE

The 16th Panamerican Conference on Soil Mechanics and Geotechnical Engineering
17th - 20th November 2019, Cancun - Quintana Roo, Mexico

Certificate of oral presentation

JULIO CÉSAR CHABLE MORENO

Session 17: Rock mechanics

**“Caracterización Geomecánica Y Tratamientos De Sostenimiento Primario
En Las Galerías Del Bitúnel Del Tren Interurbano México – Toluca”**

Walter I. Paniagua Zavala
Chair Organizing Committee

Timothy Newson
ISSMGE Vice-President for North America

Alejo Striso
ISSMGE Vice-President for South America