



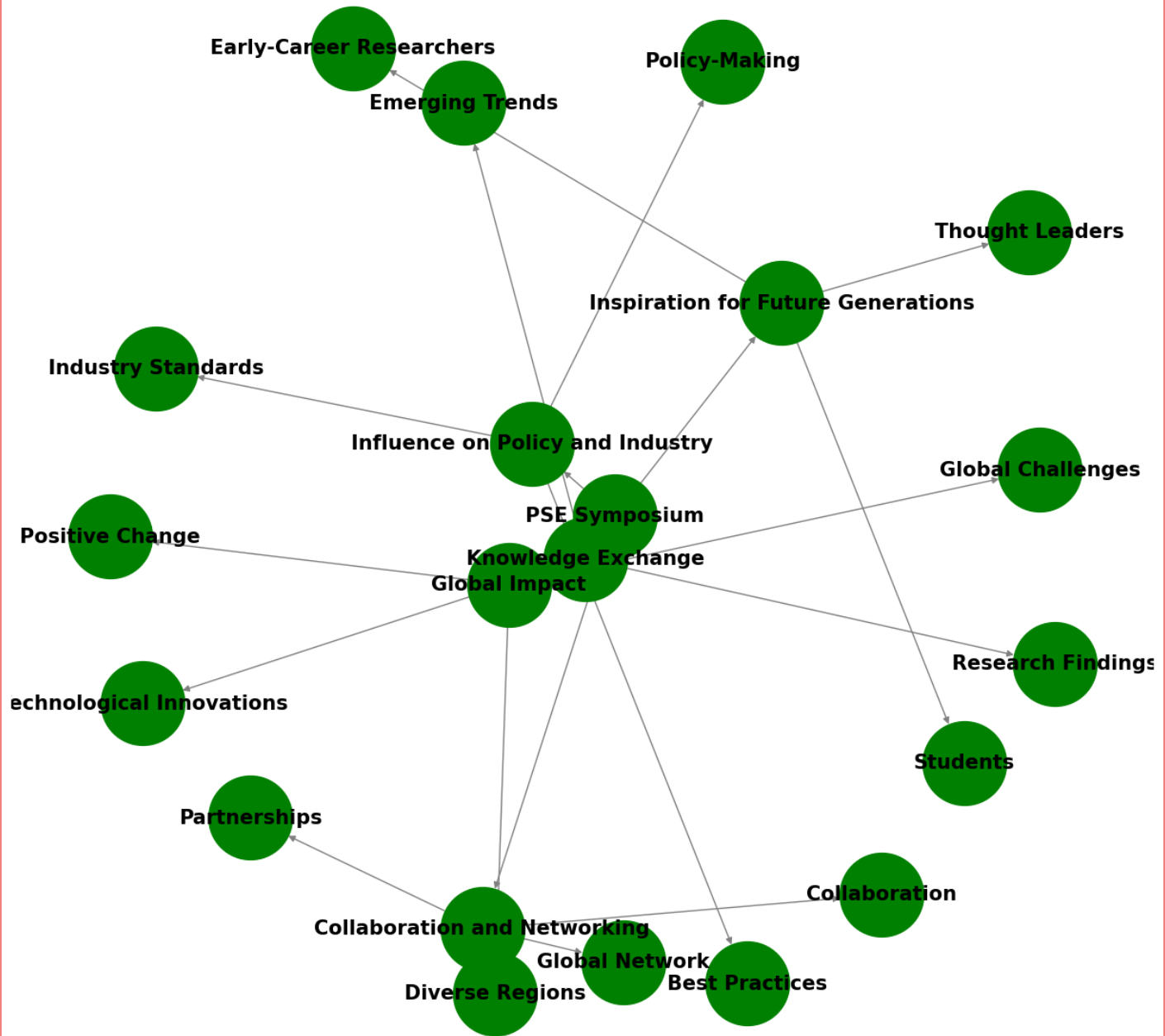
PSE 2027

Welcome to Los Cabos,
Baja California, Mexico



**Welcome to
Los Cabos B.C.
México a
vibrant coastal
city and an
ideal location
for innovation
and
collaboration.**

The 16th
International
Symposium on
Process Systems
Engineering will
be held in
Mexico.





Topics Covered include:

- **AI-Driven Process Optimization**
Leveraging advanced machine learning and reinforcement learning techniques to optimize complex, multivariable processes in real-time.
- **Quantum Computing in Optimization**
Applying quantum algorithms to solve large-scale optimization problems in process design, supply chain, and logistics with unprecedented speed and accuracy.
- **Circular Economy and Sustainable Engineering**
- Developing processes that enhance material reuse, minimize waste, and optimize resource utilization in a circular economy framework.
- **Resilient Supply Chain Management**
 - Utilizing AI and predictive analytics to build flexible, resilient supply chains capable of responding to global disruptions.
- **Process Safety and Risk Management with AI**
 - Applying AI for advanced hazard identification, risk assessment, and predictive safety analytics in process plants.
- **Smart Manufacturing and Industry 4.0:**
 - Integrating AI, and robotics for highly automated, flexible, and intelligent manufacturing systems.
- **Energy Transition and Decarbonization**
 - Developing innovative methods for integrating renewable energy sources, carbon capture, and energy storage in industrial processes.



Outline of PSE 2027

Venue: Los Cabos B.C. México
Convention center: to be defined.

- July or August 1-5, 2027 (tentative)
- PSE for Smart & Sustainable Society
- **Registration and Fees:**
 - **Full 900 USD** (including Banquet)
 - **Student 400 USD** (Banquet is not included)

Expecting more than 500 registrants!

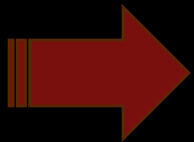
Easy International Access.



Los Cabos International Airport (SJD).

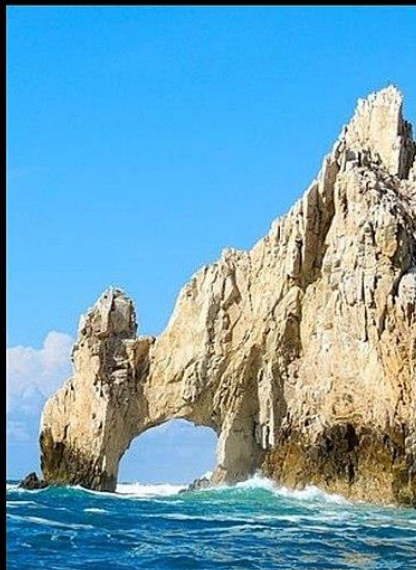
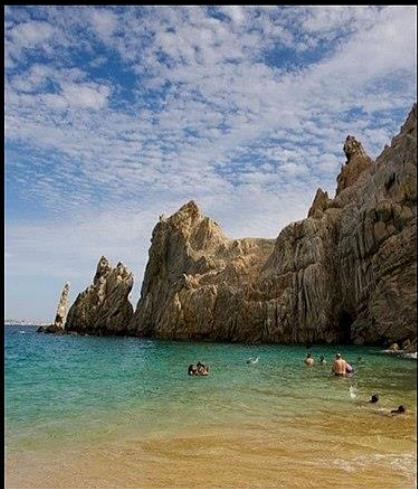
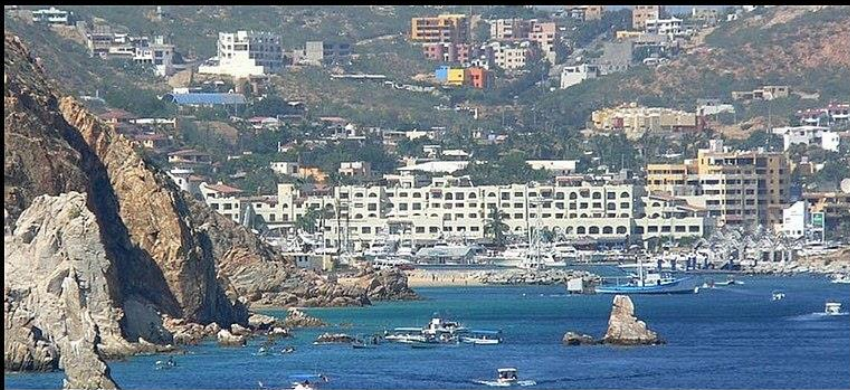


Many Airports of Arrival



City	State
Cancun	Q. Roo
Mexico City	-
Los Cabos	B.C.S.
Puerto Vallarta	Jalisco
Guadalajara	Jalisco
Monterrey	Nuevo Leon
Cozumel	Q. Roo
Silao	Guanajuato





“Embrace the Adventure and Natural Beauty of Los Cabos, Where the Sea and Desert Meet”



Water Activities >



Beaches >



Horseback Riding >



Surfing >



ATV & UTV >



Camping & Glamping >

Organizing Team



Tecnológico
de Monterrey



Casa abierta al tiempo

AMIDIO

Academia Mexicana de Investigación y Docencia en Ingeniería Química A.C.



Dr. Antonio Flores Tlacuahuac- Tec de Monterrey
Dr. Mauricio Sales Cruz