

# SEA CHANGE

Renewal, Reform and Resolve in Global Arts, Sciences, and Business

Fri  
**11/03**

Sun  
**11/05**

**PNC 2023 Annual Conference  
and Joint Meetings**

## ★ Submission Categories

For Presentation :

- i. Abstract submission (1 page)
- ii. Full paper submission (6-8 pages)

For Poster (Comp & Demo) : Abstract (no more than 500 words)

## ★ Important Dates

Submission Deadline : May 31, 2023

Notification of Acceptance : July 3, 2023

IEEE Camera-ready : August 1, 2023



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# Call for Papers

🐚 Submission Topics including but not limited to 🐚

### ★ 1 Sea Change: Spaces and Places Rethought and Renewed

- 1.1 Fluidity and Liminality in Maritime Studies
- 1.2 "The Region" in Regional Studies and "the Area" in Area Studies
- 1.3 Spatial Analysis and GIS
- 1.4 Digital Sinology
- 1.5 Holographic/Volumetric Video Broadcast/Capture
- 1.6 Virtual, Augmented, and Other Mediated Realities

### ★ 2 Sea Change in Techniques and Technologies of Cultural Memory

- 2.1 Digital Libraries
- 2.2 Digital Museums
- 2.3 Digital Archives
- 2.4 Digital Heritage

### ★ 3 Reform of Pedagogy and the Liberal Arts

- 3.1 Classrooms of the Future
- 3.2 The Technologies of Learning and Teaching
- 3.3 Information Literacy and the Pedagogy of Teaching Technology
- 3.4 Language Teaching and Learning
- 3.5 Machine Translation / Machine Composition
- 3.6 Deep Learning, Deep Time, and Deep Fakes
- 3.7 The Technologies of History, Literature, and Philosophy
- 3.8 The History, Literature, and Philosophy of Technologies
- 3.9 The Tools of Archeology and the Archeology of Tools

### ★ 4 Socio-cultural Data in a Post-pandemic World

- 4.1 Socio-cultural Data and Machine Intelligence
- 4.2 Digitaltwins and Mirrorworlds as Socio-cultural Data
- 4.3 Imaging Technics, Digital Reproduction, and Digital Replicas

### ★ 5 Innovating Businesses in a Post-Pandemic World

- 5.1 Supply Chains
- 5.2 Blockchains
- 5.3 The Metaverse
- 5.4 Cryptocurrencies
- 5.5 DAOs and the DAO (道)
- 5.6 The Business of Artificial Intelligence and Artificial Intelligence in Business
- 5.7 Business Analytics and the Business of Data Curation
- 5.8 Social Media and Business Ethics

### ★ 6 Sea Change: Innovation Reform and Renewal in Sciences, Health, and Wellness

- 6.1 Climate Change and the Changing Seas
- 6.2 Biodiversity Studies
- 6.3 Sustainable Agriculture
- 6.4 E-health and Wellness Studies
- 6.5 Mindfulness in an Era of Digital Reproduction
- 6.6 AI in Healthcare

**The University of  
the Ryukyus  
Japan**

Hosts  
The University of the Ryukyus (Japan)  
Pacific Neighborhood Consortium (PNC)

Co-hosts  
Academia Sinica, Taiwan  
Electronic Cultural Atlas Initiative (ECAI)  
Ministry of Education, Taiwan

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