



Student Pitch at Genoa University, JCU Singapore & Shipping 4.0

The Future for Cities by the Sea: Strategies & Smart Solutions for the new Evolving World

7.30-10.30 GMT, January 29th, blended Event Live & Virtual on MS Teams (click here)
SG Labs @ J.Cook University Singapore & Simulation Team in Genoa University



8.00-12.00 GMT, February 12th, blended Award Ceremony @ Shipping 4.0
The *Smart City concept* evolves, as the World, requiring new Strategies: this Pitch is an opportunity for Students to look at Strategies for the Future of Coastal Cities by providing Ideas & impact Presentations on Original Solutions by Data & Models

The **Student Teams** are encouraged to participate to this Experience by preparing an impact **Pitch Presentation** on the Future for Cities living by the Sea and adding specific evaluation

based on **Data and Models** able to support the proposed new views on **Emerging Strategic Solutions & Opportunities** in this area. The **Short Pitch Presentations** will be delivered by each team within 5 minutes maximum time duration, live or virtually, after a preselection among all proposals as element of a competition among different teams of students from worldwide coordinated by **Genoa University** in **Italy** and **James Cook University** in **Singapore** that correspond to two ideal Examples of Maritime Cities Special Awards and Recognitions will be provided based on **Innovation, Impact, Reliability, Robustness, Sustainability** and **Quality** of the presentations as part of the cooperation on going between **Business Informatics & STRATEGOS, MSc in**



Strategic Engineering

Teams of 3-6 Students will be awarded @



URL: www.simulationteam.com/strategos/challenges/jan2021
Email: agostino@itim.unige.it, roberto.dillon@jcu.edu.au



Genuense Athenaeum



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Call for Proposal and Competition Terms:

- Organize yourself into a Team composed by **3-8 Students**
- Prepare your Idea/Proposal for the **Future for Cities by the Sea**
- Focus on Themes such as **Safety & Security, Sustainability, Quality of Life**
- Prepare a **Compact Presentation** to highlight your Idea in **5 minutes**
- Prepare an **Extended Presentation** to highlight your Idea within **10 minutes**
- Emphasize **Impact, Innovation, Originality, Relevance & Reliability** of your Idea
- Be ready to address **Costs & Benefits, Risks & Opportunities** of your Idea
- Be ready to mention your **Scientific-Technical References and Data Sources**
- A **Brainstorm and preliminary Evaluation** will go on **January 25 in Genoa and January 25-26 in Singapore**
- **Best Ideas will be Presented in January 29 and Awarded in February 12**



Joint Cooperation





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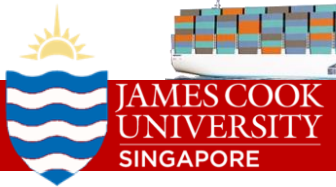
Evaluation Criteria



Presentation and related Ideas are evaluated by the IPC (International Program Committee) with special attention to following aspects:

- **Synthesis Capability**
- **Safety & Security Elements**
- **Innovation & Originality**
- **Costs & Benefits**
- **Risks & Opportunities**
- **Quality & Impact of the Presentation on the Audience**
- **Value of the Idea for the Future for Cities by the Sea**
- **Sustainability & Impact on Quality of Life**
- **Proposal Reliability**
- **Solid Scientific/Technical References & Data Sources**

Awards will be presented to best Teams



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Genoa and Singapore as Two Maritime Cities leading the Future

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Student Pitch Agenda

- 0730 GMT Welcome Genoa University and JCU Singapore
- 0745 GMT Pitch Quick Overview by Prof.A.Bruzzone & Prof.R.Dillon
- 0750 GMT Round Table Presentation of International Program Committee (IPC)
- 0800 GMT Presentation of JCU Singapore & **STRATEGOS** Genoa University
- 0810 GMT Student Pitch Presentations
- 0910 GMT Special Session for IPC only to discuss Pitch Evaluation
- 0945 GMT Ranking & Mention of Student Pitch Finalists
- 1000 GMT Smart City Evolution & Pitch Proposals
- 1010 GMT Panel Discussion
- 1025 GMT Wrap up
- 1030 GMT Closing



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International Program Committee



- Prof. Agostino G. Bruzzone, STRATEGOS Council Chair, University of Genoa, Italy, agostino@itim.unige.it
- Prof. Roberto Dillon, Academic Head, School of Science & Technology at James Cook Univ., Singapore Camus
- Dr. Giovanni Caprino, DLTM Director, giovanni.caprino@dltm.it, direttore@dltm.it
- Dr. Georgia Cesarone, Educationa Director @ Start 4.0, georgia.cesarone@start4-0.it
- Dr. Stefano Fasoli, Info Logistics, Cetena, Stefano.fasoli@cetena.it
- Prof. Jean-Guy Fontaine, JGF, jg.a.fontaine@gmail.com
- Prof. Laura Gaggero, Research Pro-Rettore Unige, laura.gaggero@unige.it
- Dr. Giulio Gennaro, Technical Director Corepower, UK, giulio.gennaro@corepower.sg
- Prof. Marco Giovine, University of Genoa, marco.giovine@unige.it
- Mr. John Hamalian, johnhamalian@gmail.com
- Mr. Kang Leng, JCU, Leng.kang@jcu.edu.au
- Dr. Claudio Lubatti, Intesa San Paolo Bank, claudio.lubatti@intesasanpaolo.com
- Dr. Marina Massei, Simulation Team, marina.massei@simulationteam.com
- Mr. Michael Motet hansen, JCU, Michaelmotet.hansen@jcu.edu.au
- Dr. Stefano Negrini, Technical Director, Terminal Bettolo, stefano.negrini@terminalbettolo.com
- Dr. Domenico Rocco, Sales Manager, Fincantieri, domenico.rocco@fincantieri.it
- Mr. Paul Singh Gill, Startup Advisor @ Singapore Airline, paul.singh@iotaomega.com
- Mr. Bernard Tan, bernardtan@sinarmas-agri.com
- Mr. Eng Bah Tee, Bahtee.eng@jcu.edu.au
- Prof. Michele Viviani, Sea Center Director @ Unige



Joint Cooperation



February 12, 2021
1130-1200 GMT @ Shipping 4.0
STRATEGOS Student Pitch
Final Awarding Ceremony



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Pitch Proposals & Teams

Genoa_1: Pollution in Port Cities: A Smart Drone Based Solution

Oriol Galceran Heras, Pier Luigi Paolo Martello, Alessandro de Vita, Berelian Taheri Rostami, Daniele Sirna, Ali Abdel-latif Mohammad



JCU_1: Enhancing Consumer Recycling in Singapore

Findlay Arthur White, Wanna Thant Zin, Milooni Shailen Yagnik Ruichen Yang, Andy Wijaya, Keyi Chen, Suriyaa Mural, David Emmanuel Thomas

Genoa_2: Energy and Sea

Stefano Costini, Anna Bolognesi, Stefano Fabbri

JCU_2: Quality of Life for Seniors within Smart Cities of the Future

Jizhi Zhou, FangLue, Axel Zhao, T'suen Wei Foo, Clement Han Liang Seah, Lu Wang, Wint Thiri Swe, Khoi Nguyen Pham

Genoa_3: Efficient Integration of Renewable Energy

Nabil Lalai, Hussam Aun

JCU_3: Plastic Waste in the City, the Environment and the Sea

Antonio Benny Jonathan, Hoai Thanh Pham, Jiale Xing, Qihan Lian, Yudan Zhang, Shashwat Shikhar`

Genoa_4: Smart Port

Mehdi Raofi, Amin Roshanizarmehri, Seyyedeh Reihaneh Naghib Hosseini, Hanieh Shahriyari, Zhila Dalalbashi Esfahani

Genoa_5: Intelligent Car Parking System

Annick Lachance Nyiringango, Aykut Karakose, Nikoo Salimi, Kushalappa Balladichanda Erappa, Sanjaykumar Marumula Jagadeshwar Rao, Vikas Urs Mysore Subramanyaraje Urs



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