



Human Underwater Society

Press release - Human Underwater Society

World scientists and innovators in LA to discuss cutting edge underwater research

During 2 days beginning November 12th, a dozen members of the Underwater Human Society will be in Los Angeles, California, to share the hottest researches in underwater technologies. Four workshops are organized at the Consulate General of France in Los Angeles where leading scientists and innovators will share their latest research and technologies that have potential uses underwater.

Topics will vary from a presentation about how a "biomimicry approach of the process of breathing & gas exchange in aquatic species could inspire new technology" by Professor François Guerrero of Laboratoire Orphy ; to the discoveries of Doctor Zurbuchen from UCLA on the uses of crystals to store oxygen ; up to biometrics with "micro and nano technology for health monitoring" by Doctor Lionel Rousseau from ESIEE Properties & limits. 8 presentations of 15 minutes each are planned, with some good surprises hoped (think exoskeleton demonstration). The complete program is attached.

They will meet scientists from UCLA, CALTECH and USB , as well as entrepreneurs to exchange about how discoveries in their fields could help modernize the technologies used for diving or any human activity underwater (materials, construction, water, air and energy production...).

The end-game: an underwater research and development center

These workshops are part of the efforts of Tahiti-based non-profit organization Human Underwater Society to renew enthusiasm in the science and entrepreneurial worlds about underwater technologies. The ones used for diving, underwater bases or underwater human activities are more than 70 years old, and ripe for disruption. To kickstart the effort, a privately-funded research and development center in Tahiti, diving capital of the South Pacific Ocean, is projected. It would include a prototype underwater coastal building as a proof of the concepts being experimented there. Imagine a privately run, fraction-of-the-cost and more fruitful equivalent of the space station, only in a safe lagoon and connected to the land.

A hundred of top scientists, start-ups, foundations and teaching institutions from all over the world have already joined the project, the Tahitian government is on board and the Human Underwater Society hopes to reach new partners during the event in LA.

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