



UHMS NE Chapter Diving Medicine

September 23, 2016 12N-6 pm

Springfield Marriott,
Springfield MA



Diving the Andrea Dorea

John Hanzl is the Diving Safety Officer for the NE Aquarium in Boston, MA. John has over 3,500 lifetime dives. He is a mixed gas technical diver and a rebreather diver. Have you ever wanted to strap on 140lbs of gear, fall off the side of a tossing ship into the cold Atlantic in the middle of nowhere and far from any help, and plummet through 240 feet of dark, murky water to reach a wreck that has already claimed the lives of fifteen people who had attempted the very same thing. No? Are you now wondering who, in their right mind, would ever want to do that? John recently participated in an expedition to the Andrea Doria, a wreck often referred to as the “Mount Everest of diving”. Hear about his experiences, check out the gear required to reach (and hopefully return from) this dangerous place, and delve into the Anatomy of a Technical Diver.



DCS-21 Hours in the Chamber

John Hanzl

Picture yourself submerged in a cave, the darkness so complete – so inky thick - that it’s almost a tangible thing. You’re so far back in the system that you’d have to swim for almost an hour just to reach the first glimmer of natural light. You’d have to swim for almost an hour before you have any hope of reaching even a breath of air. Now picture yourself in this desolate environment – so far from anything normal and safe – and when you take a breath from the hose that feeds life into your body you find that it’s nothing but water. Unfortunately you’ve also donated your backup air source to your buddy - you can’t breathe, you’re suffocating – your lungs are empty. Unreasoning panic wells up within you as you frantically swim towards your buddy, gesturing that you’re out of air and desperately tugging on the regulator that’s in his mouth... What if I was to tell you that, forty minutes after exiting the water, after surviving an incredibly stressful ordeal, that after all that, what if I told you that your nightmare hadn’t even begun. John will talk about this past July, while rebreather diving in the Devil’s Ear cave system in Ginnie Springs, FL, he got severely bent spending 21 hours in a chamber in GA, was out of work for six weeks, and out of diving for seven months. Recovery was challenging.

<http://www.neaq.org>



Mystery of the Last Olympian, Titanic's Tragic Sister Ship

Richie Kohler, filmmaker, author and explorer is only one of four men in the world who has been to RMS Titanic and has dived inside her equally tragic sister ship HMHS Britannic. Was Britannic always doomed? In *Mystery of the Last Olympian*, Kohler, internationally-known from *Shadow Divers* and from the TV series *Deep Sea Detectives*, takes you on the intriguing journey from the rise of the magnificent Olympians to the fateful day in 1916. Kohler is one of a small group of explorers who has carried on the forty-year search to find the truth of what sent the mighty ship to her watery grave.

Kohler moves forward in time through multiple expeditions beginning with the great Jacques Cousteau who located the ocean liner in 1975. Each successive team that risked their lives uncovered new clues, but in 2009, Richie and his dive partner finally pinpointed the secret eluding everyone.

The tragedy and 100-year-old mystery of Britannic comes to life in this exciting presentation! His book, *Mystery of the Last Olympian*, will be available after his talk.

<http://www.richiekohler.com>

www.MysteryoftheLastOlympian.com



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Prebreathing rebreathers



Britannica



Empirical Harvesting Divers from the Americas

Matias Nochetto MD is the Director of the Medical Programs with Divers Alert Network, Durham, NC. For a number of years and through different ways, Divers Alert Network has been involved in some humanitarian efforts to help different communities of harvesting divers around the Americas. This lecture is intended to raise awareness about the public health impact of thousands of empirical divers that risk their lives in an effort to make a naturally limited produce inexpensive and readily available on areas where they don't naturally occur.



Case Studies from the DAN Emergency Hotline

Matias Nochetto MD

This highly interactive review of real cases is aimed to depict the thought process and rationalization of post-dive symptoms. When your only diagnostic tool is your knowledge and how you interpret the answers.



<http://www.diversalertnetwork.org/>



<https://www.uhms.org/education/courses-meeting/directly-sponsored/northeast-chapter.html>

\$25

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