Curriculum Vitae of Matteo Charlie Ichino February 15, 2021

Date of Birth:April 25, 1989Place of Birth:Boston, USANationality:Italian and USProfession:Sailor – Sailing Instructor - Biologist

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Work

2020 (ongoing) - Marine independent contractor: teaching, coaching, deliveries, boat refit and service. Collaborations with Doyle Italia, Vela-Tech, Marinanova and Scuola Vela Toscana

2019 - (March-October) Deckhand, 76ft sailing yacht (Mediterranean & Atlantic)

2018 - 2019 (Winter) Yacht racing coach, Orza Scuola Vela, Fezzano (https://www.orzascuolavela.it/)

2009-2017-2018 (March-October) Sailing instructor, Orza Scuola Vela, Porto Pollo

2018 (January - March) Deckhand on 24m private yacht (Caribbean)

2016 Deliveroo Rider in Southampton, UK

2015 Video analysis for ecological research at Monterey Bay Aquarium Research Institute (http://www.mbari.org/)

2014 Facilitator on "Future Learn Exploring our oceans" MOOC (https://www.futurelearn.com/courses/exploring-our-oceans)

2013-2015 Demonstrator and assistant in Biology Lab activities

2010- Internship at Mote Marine Lab, Department of Costal Ecology, Sarasota (FL) (<u>http://www.mote.org/</u>)

2009- Coach (Optimist, FIV 555)

2007 Sailing Instructor at Courageous Sailing Centre, Charlestown MA, USA (www.courageoussailing.org)

2007 Sailing Instructor at Circolo Nautico Mugello (www.circolonauticomugello.it)

2005 Instructor in Training at Courageous Sailing Centre, Charlestown MA, USA

Sailing

2020- 6th at Gran Premio d'Italia Mini650 on ITA520 Gintonic with Francesco Farci

2019- (ongoing) Bowman at on ITA3602 Dwein: SB20 the SB20 World Championships in Hyeres (FR), Italian Championships in Torbole (3rd), Spring Championship Marina di Pisa (1st)

2008-2009-2017-2018-2019-2020 Skipper in Italy, Balearic Islands, Croatia, Greece (30-55ft)

2017-2018 Atlantic crossing on a 30ft sloop (https://sailsupandgo.wordpress.com/category/cirrus-en-voyage-ii/)

2012-2015 Bowman on the First 40.7 "Mitchelson Interceptor" (IRC racing. Garmin winter series and UK Nationals)

2010-2011 Tailer on the Comet 41 "Fradiavolo" (Campionato autunnale di Varazze, Copa del Rej).

2004-07 Crew in Croatia (35ft-52ft)

2006-2007 Match racing (Este 24, J24)

2001-2010 Dinghy fleet racing (FJ, Laser 4.7, Laser Radial, Laser Standard, 420, 470)

Certifications and Courses

2019 (November) RYA Cruising Instructor

2019 Italian seafarer's booklet, first category: ID 01085

2019 (February) RYA Yachtmaster Offshore at the UKSA in Cowes (UK) (https://uksa.org)

2019 (January) GMDSS GOC at the UKSA in Cowes (UK)

2018 (November) STCW 95 training: BLS, Basic Firefighting, Security Awareness, Sea survival, PSSR (http://www.centroaddestramentoanzio.it/chisiamo.php)

2018 (October) Offshore Special Regulations certificate (http://www.safetyworld.it)

2017 Captains and Crew 2nd level skipper training (<u>http://www.captainsandcrew.co.uk</u>)

2010 NAUI Scuba Diving Certification (<u>http://www.naui.org/recreational_divers.aspx</u>)

2009 Apnea Academy, apnea diving first level certificate (http://apnea.academy/en/home/)

2011 FIV Offshore sailing instructor (www.federvela.it)

2008 Italian Yachtmaster Offshore

2007 Certificate for First-Aid Volunteer. (www.caldinesoccorso.it)

2006 Sailing Instructor at Courageous Saling Centre, Charlestown MA, USA

Education

2017: PhD in Benthic megafauna ecology at the University of Southampton, School of Ocean and Earth Science. PhD thesis title: 'Unifying theories for global benthic biomass distribution: the relative importance of water column and topographic drivers'.

2012 Master of Research in Ocean Science at the University of Southampton, School of Ocean and Earth Science. Thesis advisor Dr. Sven Thatje. Thesis title: 'Maternal environment and larval starvation affect larval fitness in the temperate shrimp *Palaemonetes varians*'.

2011 Graduated from "Università degli Studi di Genova" with 110/100 cum Laude (maximum score), Laurea in Scienze Biologiche

2008 High school graduation (Maturità Classica) 93/100

Publications

Kirsty J. Morris, Brian J. Bett, Jennifer M. Durden, Noelie M. A. Benoist, Veerle A. I. Huvenne, Daniel O. B. Jones, Katleen Robert, **Matteo C. Ichino**, George A. Wolff & Henry A. Ruhl (2016). "Landscape-scale spatial heterogeneity in phytodetrital cover and megafauna biomass in the abyss links to modest topographic variation" Scientific Reports 6, Article number: 34080 (2016). http://www.nature.com/articles/srep34080

Ichino, M. C., et al. (2015). "The distribution of benthic biomass in hadal trenches: A modelling approach to investigate the effect of vertical and lateral organic matter transport to the seafloor" <u>Deep-sea Research I</u> 100: 21-33. (http://www.sciencedirect.com/science/article/pii/S0967063715000333)

Oliphant, A., **Ichino, M. C.**, Thatje S., (2014). "The influence of per offspring investment (POI) and starvation on larval developmental plasticity within the palaemonid shrimp, Palaemonetes varians" <u>Marine Biology</u> 161(9): 2069-2077. (http://link.springer.com/article/10.1007%2Fs00227-014-2486-7)

Research expeditions

2014 TN309 from Auckland (NZ) to Apia (AS) (<u>http://web.whoi.edu/hades/kermadec-2014/</u>) 2013 JC085 at PAP, north-east Atlantic

Interests

Marine biology, Ecology, Oceanography Green energy, Sustainability, Cooperation, Open-source Sailing, Cycling, Climbing, Skiing Guitar, Ukulele

IT

ZY Grib, Open CPN, Office package, R, MatLab, Primer, LaTex, ArcGIS, Basic level of UNIX and Linux Remote learning through internet based platforms (MOOC)

Languages

Italian: native language. English: fluent (5 years in the UK), "TOEFL certificate" in summer 2011, score 106/120 (<u>http://www.ets.org/toefl</u>) Spanish: Basic spoken and written French: Basic spoken and written