



SHAPING THE FUTURE OF AEROSPACE

AIAA SPACE PHILOSOPHY GATHERING

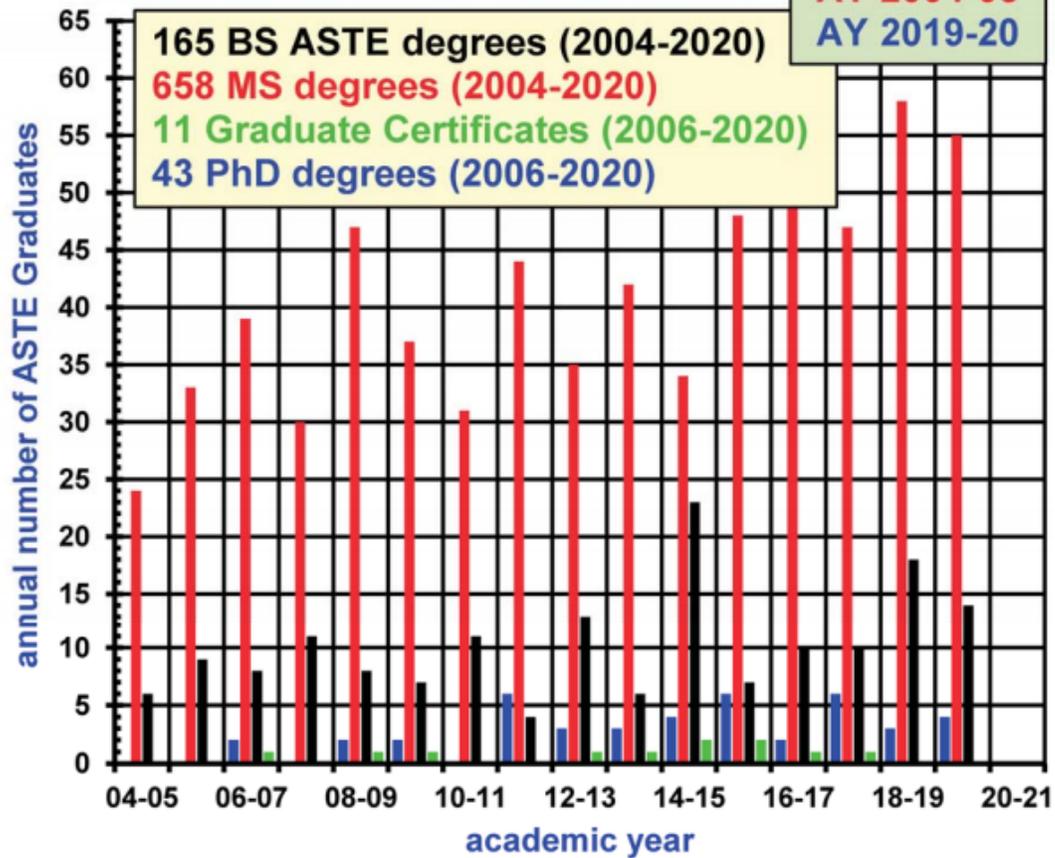
M.THANGAVELU

UNIVERSITY OF SOUTHERN CALIFORNIA

MTHANGAV@USC.EDU

USC ASTRONAUTICAL ENGINEERING

USC/VSOE BS, MS, GC, and PhD in
Astronautical Engineering (ASTE)



Students pursuing MS ASTE
through DEN in 2005–2021



Master of Science in Astronautical Engineering (MS ASTE)

NEIL ARMSTRONG – USC DISTINGUISHED ASTRO ALUMNUS





E PLURIBUS UNUM



PHILOSOPHY - THE STUDY OF THE FUNDAMENTAL NATURE OF KNOWLEDGE, REALITY, AND EXISTENCE, ESPECIALLY WHEN CONSIDERED AS AN ACADEMIC DISCIPLINE

- ALL GREAT CIVILIZATIONS HAVE GREAT PHILOSOPHICAL UNDERPINNINGS
- VISIONS, POLICIES, CONCEPTS, ARCHITECTURES MANIFEST & FLOW FROM GREAT PHILOSOPHIES
- WESTERN & EASTERN
- PHYSICAL & METAPHYSICAL & SPIRITUAL
- OLD ENDURING CIVILIZATIONS & CULTURES
- DUALISTIC & MONISTIC
- SHANKARA – ADVAITA VEDANTA

MODERN PHILOSOPHIES

- PHYSICAL SCIENCE – ASTRONOMY & COSMOLOGY
- LIFE SCIENCES – ORIGIN OF LIFE, LIFE IN THE UNIVERSE
- ANTHROPOLOGY
- ARCHITECTURE
- ARTS
- ENGINEERING – TECHNOLOGICAL SUBLIME
- ECONOMIC
- LAW & GOVERNANCE – NATION STATE PARADIGM
- COMMON DEFENSE
- HISTORY

SPACE (EXPLORATION-ACTIVITY) PHILOSOPHY

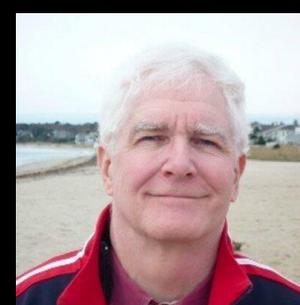
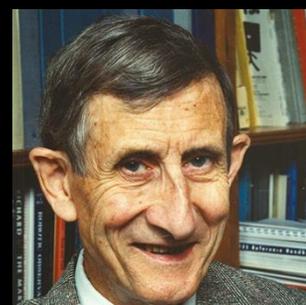
- MOST SPACIOUS, EXPANSIVE, TRANSPARENT PHYSICAL DOMAIN
- RELEASE FROM GEOGRAPHY, NATION STATE PHILOSOPHY & BOUNDARIES
- SITUATIONAL AWARENESS – NEAR SPACE, SOLAR SYSTEM, GALACTIC, COSMIC
- NEW WORLD VIEW - SUPRA-COSMOPOLITANISM
- SPECIES AND BIOSPHERE AWARENESS & SENSITIVITY
- RESONATES WITH FREEDOM – FREE WORLD VALUES

NEW SPACE PARADIGMS

- ELON MUSK – SETTLE OTHER PLANETS – HUMAN SURVIVAL INSURANCE
- JEFF BEZOS – PROTECT AND MAKE EARTH BEAUTIFUL
- JOHN MARBURGER III – ECONOMIC SPHERE OF INFLUENCE
- JOSEPH CAMPBELL - RETURN OF THE HERO
- FREEMAN DYSON – BEAUTIFY OUR UNIVERSE
- FRANK WHITE – OVERVIEW EFFECT
- MICHELLE HANLON - PRESERVATION OF SPECIES CULTURAL HERITAGE
- ?



Dr. John H. Marburger III (1941–2011)



DAN DUMBACHER
AMERICAN INSTITUTE OF AERONAUTICS & ASTRONAUTICS
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

MADHU THANGAVELU
UNIVERSITY OF SOUTHERN CALIFORNIA
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

JACQUES ARNOULD
CENTRE NATIONAL D'ETUDES SPATIALES
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

FRANK WHITE
THE OVERVIEW EFFECT
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

MARK WAGNER
ARES LEARNING
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

GENNARO RUSSO
CENTER FOR NEAR SPACE STUDIES INSTITUTE FOR THE FUTURE
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

CHRISTOPHER COKINOS
ARIZONA INSTITUTE FOR RESILIENT
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

MICHELLE HANLON
FOR ALL MOONKIND
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

STAN ROSEN
DEFENCE ACADEMY UNIVERSITY
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

LUKE JERRAM
INSTALLATION ARTIST
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

JOHN C. MANKINS
MOON VILLAGE ASSOCIATION
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

LAWRENCE DOWNING
PASTOR & PROFESSOR
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

DAVID H. LEVY
ASTRONOMER
e LIVE
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HENK ROGERS
BLUE PLANET FOUNDATION
e LIVE
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BRITT DUFFY ADKINS
CELESTIAL CITIZEN
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MELODIE YASHAR
SEARCH+
e LIVE
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LESLIE WICKMAN
STARRY NIGHTS, INC
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

NIAMH SHAW
INTERNATIONAL SPACE UNIVERSITY
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

AYSE OREN
DESIGNART
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

WES JONES
UNIVERSITY OF SOUTHERN CALIFORNIA
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL

SEAN MCCLAIN
USF
e LIVE
CITY X VE NICE ITALIAN 22/05-21/11 2021 PAVILION VIRTUAL