

2020 WCAPT BOARD OF DIRECTORS ELECTION
NOMINEE QUALIFICATION STATEMENT

NAME: **CHRYSL ASSUMPTA ARANHA**
 ADDRESS:
 TELEPHONE:
 FAX:
 E-MAIL:

Employment History:

(Date)	(Company)
2017-2018	Postdoctoral Researcher at Aalto University, Finland
2016-2017	Senior Project Officer at National Centre for Safety of Heritage Structures, India

Education:

(Date)	(School)
2012-16	PhD in Structural Engineering University of Minho, Portugal
2011-12	Masters in Structural Analysis of Monuments and Historical Constructions Czech Technical University, Czech Republic and Universitat Politècnica de Catalunya, Spain
2007-11	B. Tech in Civil Engineering National Institute of Technology Karnataka, India

Selected Preservation Projects:

(Date)	(List)
2016	Safety Assessment of completion of an ancient masonry temple tower in South India.
2017	Structural Assessment of Rashtrapati Bhavan, India.
2017	Seismic Assessment of Louis Kahn buildings at India's most prestigious business school through non-destructive testing.

Publications / Lectures:

(List)
Aranha CA, Branco JM. Seismic strengthening of traditional timber structures. RILEM, 2020 (to be published).
Aranha CA, Menon A, Sengupta AK. Determination of the causative mechanism of structural distress in the Presidential palace of India. Engineering Failure Analysis, 95: 312-331, 2019.
 Rodrigues L, **Aranha CA**, Sousa HS. Robustness assessment of an ancient timber roof structure. In: Historic Earthquake-Resistant Timber Framing in the Mediterranean Area, pp. 447-457, 2015.
 Bernart-Maso E, Escrig C, **Aranha CA**, Gil L. Experimental assessment of Textile Reinforced Sprayed Mortar strengthening system for brickwork wall-ettes. Construction and Building Materials. 50: 226-236, 2014.
 Invited speaker for Built Heritage Studies and Conservation Diploma (2016) Program in Mumbai, India on 'Historic Timber and Timber-Laced Masonry Structures' and 'Non-Destructive Testing Methods for Historic Structures'.

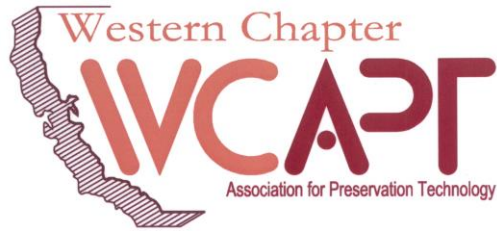
Awards:

(Date)	(Description)
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Membership in Professional Organizations:

Experience with WCAPT and other Preservation Organizations:

External Reviewer for 2020 World Monuments Watch.
 Expert member of the ICOMOS International Wood Committee.
 Member of 2020 California Preservation Foundation Education Committee.



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Other Information:

Vision Statement for WCAPT:

My vision for WCAPT is that it continues to be a platform for preservation professionals to exchange ideas and collaborate and also increases its presence among emerging professionals and students interested in historic preservation by organizing more hands-on workshops and training sessions on current technologies, capacity building programs and networking events.