

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Board on Infrastructure and the Constructed Environment

Committee on Analysis of Causes of Failure and Collapse of the
305-Meter Telescope at the Arecibo Observatory

Meeting #5

TOPICS – Technical Analysis

- Thornton Tomasetti – Final Arecibo Telescope Collapse
- Perspectives on Design and Forensics from Structural Experts

October 26, 2022

Pacific Daylight Time

National Academy of Sciences, Engineering and Medicine

The Arnold and Mabel Beckman Center

Balboa Room

100 Academy, Irvine, CA 92617

<https://nasem.zoom.us/j/99008827503>

DAY ONE

October 26, 2022; Hybrid

OPENSESSION

10:00 Welcome and Introductions

Roger McCarthy, Chair

10:05 **Briefing – Thornton Tomasetti Arecibo Telescope Collapse Forensic Investigation**

John Abruzzo, P.E., LEEP AP, Managing Principal & Forensics Practice Co-Leader, Thornton Tomasetti

https://www.nsf.gov/news/special_reports/arecibo/

12:00 Lunch – in Room

1:00 Perspectives and discussion with structural engineer and bridge experts David Goodyear and Karl Frank

David Goodyear, NAE, Chief Bridge Engineer T.Y. Lin International, Ret., consulting structural engineer

Karl H. Frank is a Professor Emeritus at The University of Texas at Austin, the Chief Engineer at Hirschfeld Industries, Ret., consultant

3:00 Wrap-up

3:05 Adjourn open session