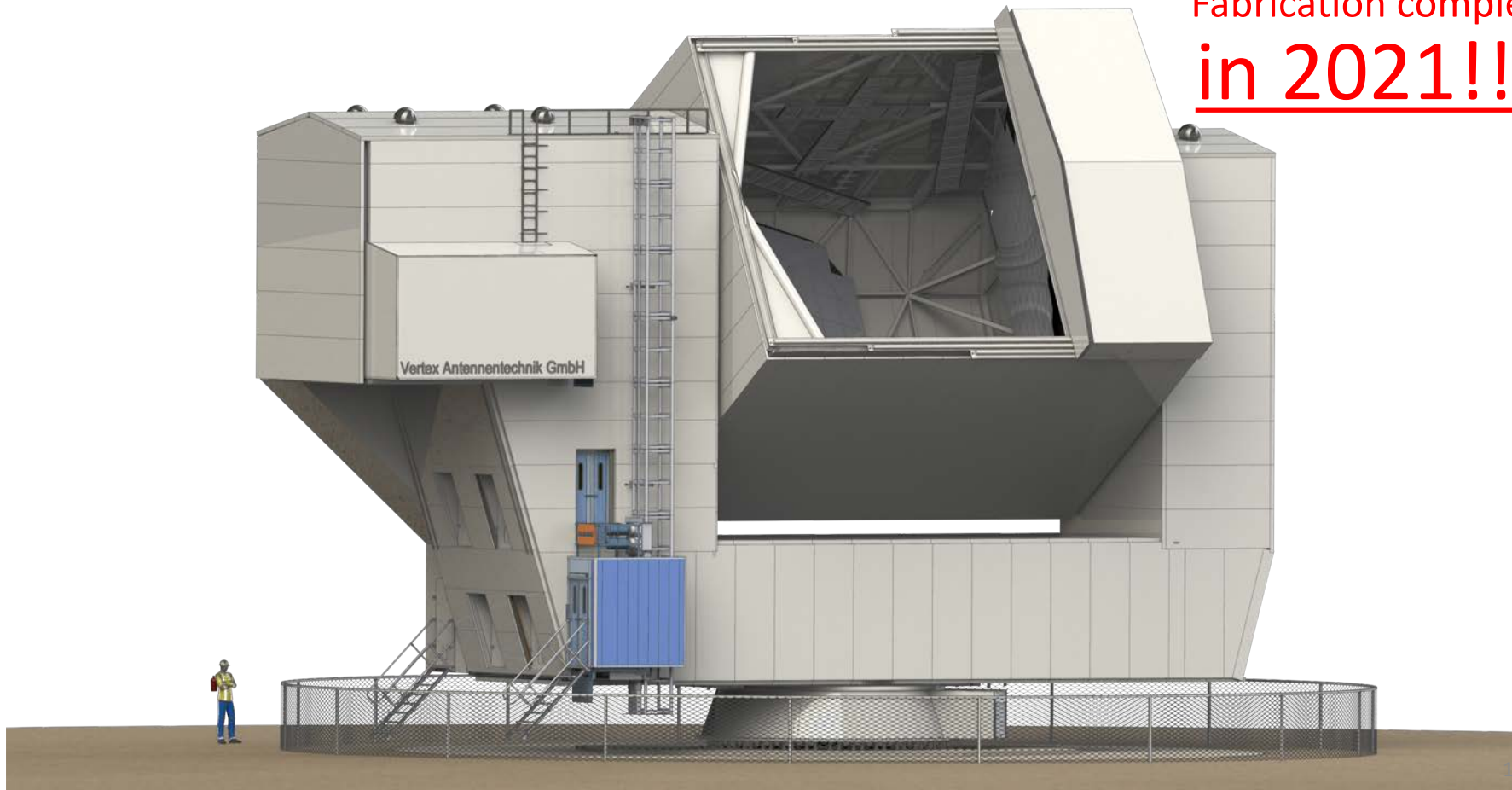
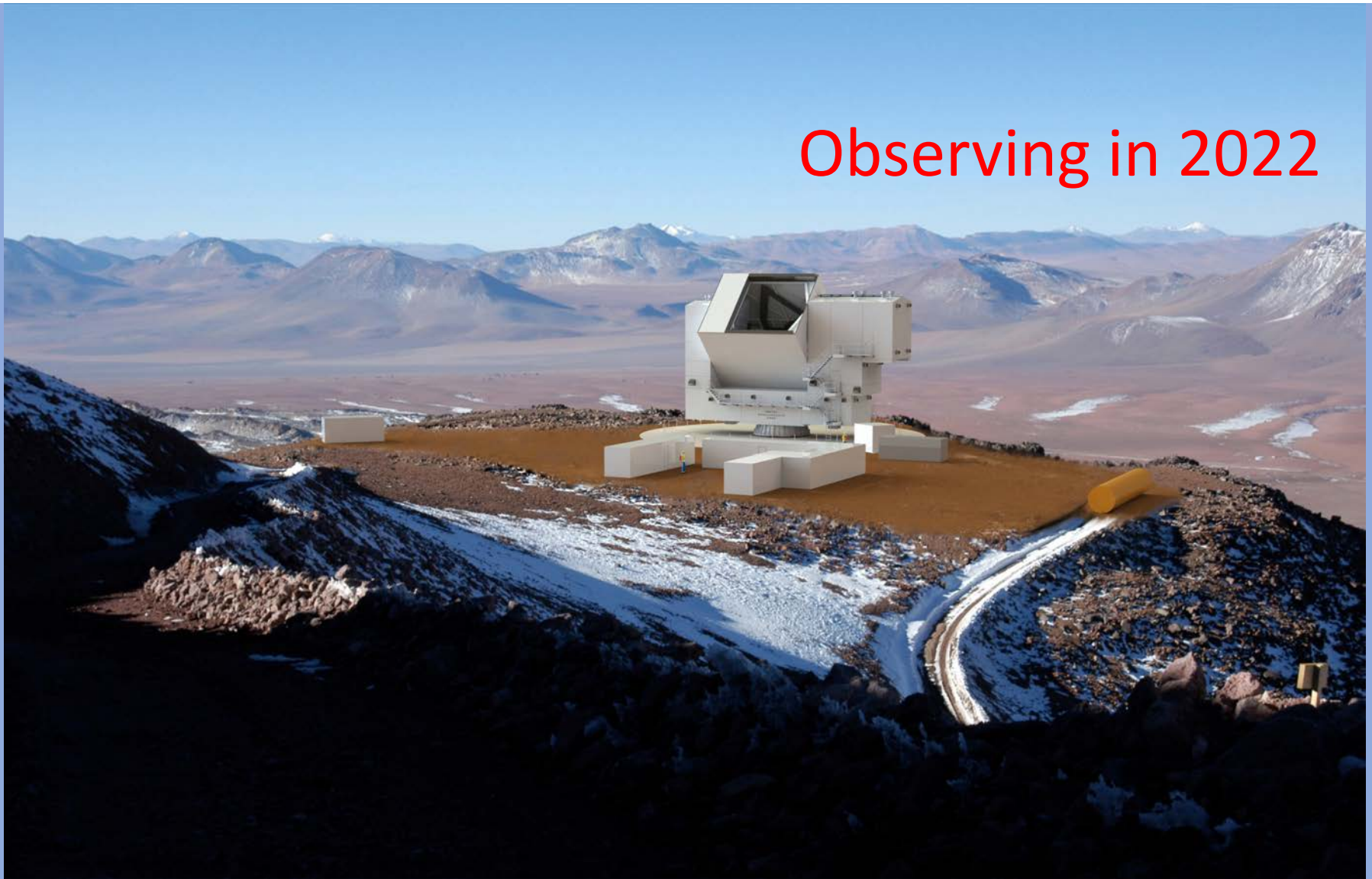


The 2020 CCAT-prime Collaboration Meeting

Fabrication complete
in 2021!!!



Observing in 2022



Welcome, Introduction, and Overview of this Meeting

Mike Fich

University of Waterloo

Waterloo Centre for Astrophysics



UNIVERSITY OF
WATERLOO

WATERLOO CENTRE FOR
ASTROPHYSICS

Welcome to "Waterloo" !!!

QNC Building





QNC Building

Perimeter Institute

Perimeter Institute



CCAT Partnership

- CCAT Observatory, Inc.
 - Cornell University
 - German consortium led by University of Cologne
 - Cologne, Bonn, Max Planck Inst. for Astrophysics
 - CATC, membership in CCAT Observatory, Inc through a Joint Venture Agreement
- CATC (Canadian Atacama Telescope Corp.)
 - Canadian consortium led by University of Waterloo
 - Waterloo, Toronto, British Columbia, Calgary, Dalhousie, McGill, McMaster, Western Ontario
 - CATC “Observers”/partners: St. Mary’s, Manitoba, Lethbridge, Alberta, National Research Council

(underlined institutions are partners in funding requests in Canada)
- TAO – Tokyo Atacama Observatory
 - Share mountain top – constructing road
 - Draft agreement to share common costs (road maintenance, power, etc.)

CCAT Board of Directors

- Cornell
 - Martha Haynes (Chair)
 - Don Campbell
 - Peter Wittich
- Germany
 - Juergen Stutzki (Cologne)
 - Frank Bertoldi (Bonn)
- Canada
 - Mike Fich (Waterloo)
 - Norm Murray (Toronto)
- CCAT Science Advisory Committee (CSAC)
 - TBD

Project Personnel

- Director
 - Terry Herter
- Project Manager
 - Jim Blair
- Project Engineer
 - Steve Parshley
- Deputy Project Engineer
 - Ronan Higgs
- Software Manager
 - Mike Nolte
- Power Consultant
 - John Kiefer
- Construction Manager & TAO Liaison
 - Pedro Correa
- Project Scientist
 - Gordon Stacey
- CHAI Instrument Scientist
 - Urs Graf
- Prime-Cam Instrument Scientist and Simons Observatory Liaison
 - Mike Niemack

Tech for meeting and etiquette

- Mute your audio – may want to turn off camera too
- Use chat to propose to ask a question or to raise a discussion point
 - Someone will be monitoring the chat to help with ordering if there are too many at the same time
- Presenters should post talks in advance as some people may not have bandwidth to watch video presentation
 - Presenters should say slide number when changing to next

Overview/purpose of meeting

1. Begin to formalize teams – need to prepare proposals to CSAC
 - This Collaboration Meeting is the planned “first review” of science
 - What are the science goals? What can be achieved in Early Science?
 - Who is interested, can commit to active participation?
2. Exchange specs/scope/requirements between teams
 - Science team \Leftrightarrow Science Team \Leftrightarrow Tech Teams (telescope, instruments)
 - Time needed, instrument, telescope requirements/limitations
 - Final instrument definitions
 - Commonalities between science projects – data, data reduction
3. Introduce wider community to CCAT-prime science
 - Synergies with other projects



CCAT-p

2018 CCAT. All Rights Reserved. www.ccatobservatory.org