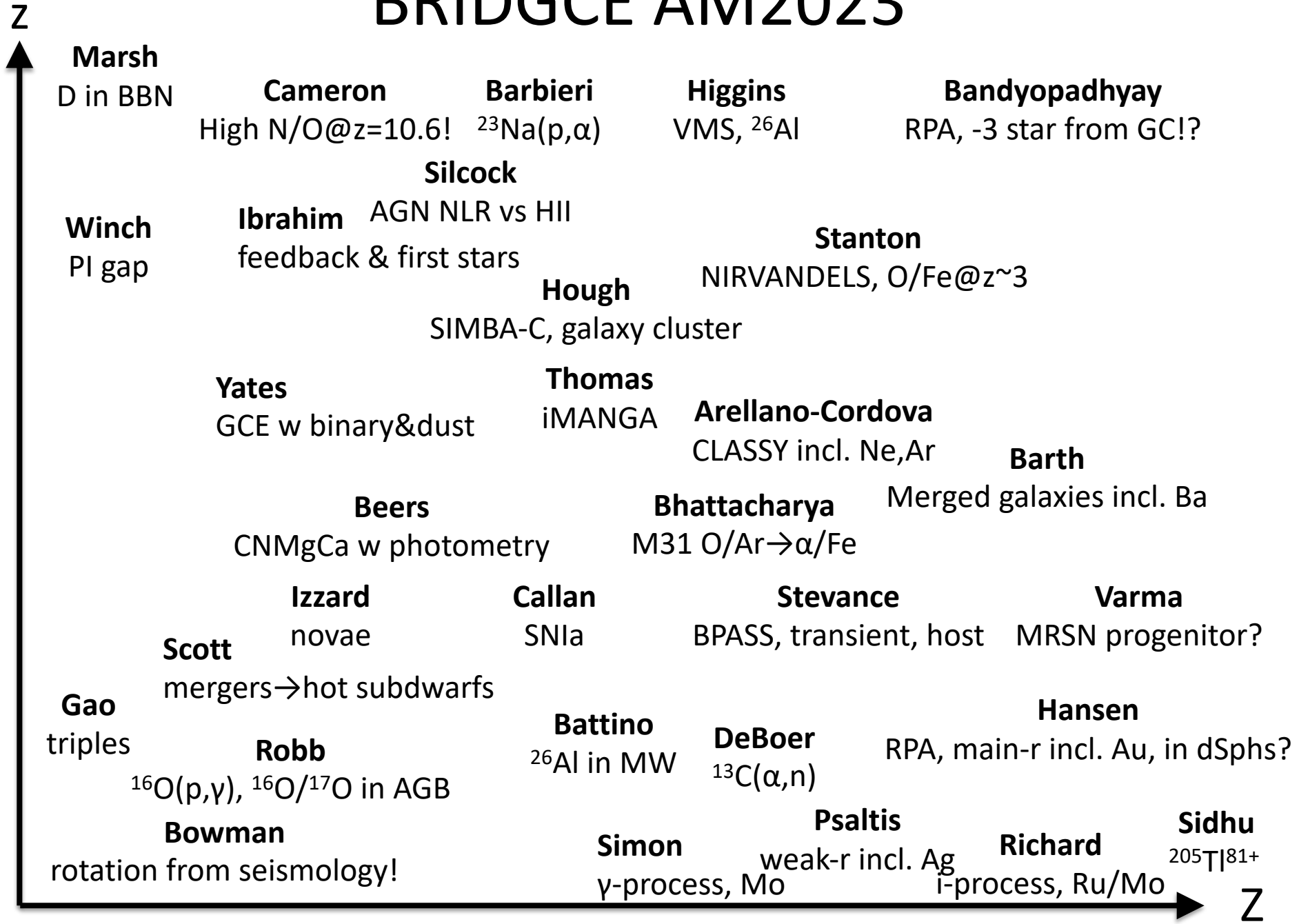


BRIDGCE AM2023



BRIDGCE: BRIdge the Disciplines related to the Galactic Chemical Evolution

Report 13.9.2023



BRIDGCE

UK NETWORK

<http://bridgce.ac.uk>

UKRI/STFC-funded BRIDGCE Network

- Started in 2013, by Raphael Hirschi (Keele)
- **75 researchers** from **20 UK universities**; to join, **just sign up** at <http://bridgce.ac.uk>
- <https://www.jiscmail.ac.uk/cgi-bin/webadmin?A0=BRIDGCE>
- Chair: Chiaki Kobayashi (Hertfordshire), since 2019
- Research network on nuclear astrophysics, similar to EU ChETEC and US JINA
- Aim: knowledge transfer between different disciplines
- All BRIDGCE members are entitled to join IReNA, by agreeing its rule on <http://www.jinaweb.org>
- Possible funding to go to conferences in US, or inviting US-based speakers to conferences in UK

Multi-discipline

Nuclear Astrophysics

Reaction Rates: GSI-
FAIR, CERN-nToF, Ganil

Stellar Physics

Stellar Mass Loss
Stellar Evolution
Supernovae
Nucleosynthesis
Rotation vs Binary

The Milky Way

Galactic
Archaeology (GA)
surveys: Gaia,
APOGEE, HERMES-
GALAH, 4MOST,
WEAVE, MSE...

External Galaxies

Integral Field Unit
(IFU) surveys:
SAURON, MaNGA,
CALIFA, SAMI, Hector,
KMOS, MUSE,
NIRSpec/JWST!

Steering committee

- Chiaki Kobayashi (Hertfordshire), chair
- Stuart Sim (Belfast) for supernovae/transients
- Raphael Hirschi (Keele) for stellar evolution
- Alison Laird (York) for nuclear physics

BRIDGCE activities 2023/24

- BRIDGCE-IReNA AM2023, 11-13 Sep. Edinburgh (first time!)
- BRIDGCE-IReNA AM2024 near London, led by Rob Izzard 😊
- A parallel session at NAM (Hull)? or EAS (Padova)??
- Any ideas, e-mail me! Opportunities for **ECRs/students**, to participate in organizing conferences to acquire management & leadership skills.

Gender Statistics

- $28/75=37.3\%$ in BRIDGCE members
- $10/31=32.3\%$ for speakers at AM2023
- $2/5=40\%$ for long talk speakers
- $4/8=50\%$ for session chairs
- $5/11=45\%$ for AM2023 organizers
- $2/4=50\%$ in BRIDGCE steering committee

BRIDGCE annual meeting 2023@Edinburgh

- LOC zoom coordinators:
 - Jordan Marsh, Lucia Barbieri, Annie Rooney, Duncan Robb
- Organizers:
 - **Claudia Lederer-Woods** (University of Edinburgh) - Chair
 - **Alexander Murphy** (University of Edinburgh)
 - **Ragandeep Singh Sidhu** (University of Edinburgh) - Programme Committee Chair
 - Chiaki Kobayashi (University of Hertfordshire) - BRIDGCE Chair
 - Andreea Font (Liverpool John Moores University)
 - Raphael Hirschi (Keele University)
 - Robert Izzard (University of Surrey)
 - Olivia Jones (Royal Observatory Edinburgh)
 - Alison Laird (University of York)
 - Roberto Maiolino (Kavli Institute for Cosmology, Cambridge)
 - Stuart Sim (Queen's University Belfast)
- Any feedback: e-mail c.kobayashi@herts.ac.uk
- This slides will be available at <http://bridgce.ac.uk>