



St John's College
Graduate Research Symposium 2020

29th Feb 2020

0845-0900: Coffee

0900-1015: Planet Formation: The Composition of Gas Giants
Maia Ben-Yami, Dept of Astrophysics

Rethinking viability in surgical maternal-fetal ethics
Owen Ayers, Dept of History and Philosophy of Science

Who has the best profile to learn a tone language?
Tim Lameris, Dept of Theoretical and Applied Linguistics

Shapeshifting faces of reality: The beguiling manipulations of deepfakes
Katie Duggan, Dept of Film and Screen Studies

1015-1100: **Keynote: Mr Mark Wells (Author, Cambridge Tales Ltd)**

1100-1115: Coffee

1115-1330: The stones of the Mediterranean: Victorian materiality and material hierarchy
Alexander Kuszyk, Dept of History of Art

Who designed Weimar castle?
Davide Martino, Faculty of History

Using portable X-Ray fluorescence spectroscopy for the regional characterization of Middle Islamic ceramics (1000 – 1500 CE)
Kyra Kaercher, Dept of Archaeology

3D printing of luminescent solar concentrators
Shomik Verma, Dept of Materials Science

1330-1430: Lunch

1430-1515: **Keynote: Dr Annis May Timpson (Director of Education & Senior Tutor)**

1515-1630: Judaeo-Arabic medical manuscripts
Ani Avetisyan, Faculty of Asian and Middle Eastern Studies

Zoonotic disease risks in displacement
Dorien Braam, Cambridge Infectious Diseases

Public spaces, collective memory, and alternative narratives of the Spanish transition to democracy, 1975-1981
Abigail Smith, Dept of Modern European History

Fairness in machine learning: Algorithmic decision-making in a biased society
Michelle Lee, Dept of Computer Science and Technology

