Lecture Session 1: Historical Background – Glacial Isostatic Adjustment (Pippa Whitehouse, Mike Bentley, Holger Steffen)

http://carmenconnect.osu.edu/p85i26yl3s3/

Lecture Session 2: Introduction to records of GIA and sea level change, static and time-variable gravity (Pippa Whitehouse, Erik Ivins, Holger Steffen)

http://carmenconnect.osu.edu/p6ylzk69blh/

Lecture Session 3: Introduction to seismology, seismic discontinuities and mapping earth properties (Doug Wiens)

Lecture: http://carmenconnect.osu.edu/p6h8p9t0uq9/
Introduction to SEATREE: http://carmenconnect.osu.edu/p8iyz5infwj/

Lecture Session 4: Lithosphere: tectonic history of Antarctica and how it can influence earth properties (Ian Dalziel and Terry Wilson)

http://carmenconnect.osu.edu/p7n2hq1fmbj/

Lecture Session 5: Basics of GIA modelling techniques (Wouter van der Wal and Giorgio Spada)

http://carmenconnect.osu.edu/p9llx28ef7j/

Lecture Session 6: Introduction to Computer Exercises (Giorgio Spada)

SELEN part 1: http://carmenconnect.osu.edu/p5i5dasrqmp/
SELEN part 2: http://carmenconnect.osu.edu/p84fs0iorkn/
SELEN part 3: http://carmenconnect.osu.edu/p3uyak7g2q3/
**Lecture Session 7:** Records used to reconstruct ice sheet history (Mike Bentley)

http://carmenconnect.osu.edu/p8y7p2wzcnf/

**Lecture Session 8:** Generating ice history models (Pippa Whitehouse and Erik Ivins)

http://carmenconnect.osu.edu/p656tvzpluw/

**Lecture Session 9:** Rheology, including lateral variation, interpretation of seismic anomalies (Doug Wiens), results from laboratory experiments and conversion equations (Erik Ivins), and finite-element/finite volume modelling (Wouter van der Wal)

http://carmenconnect.osu.edu/p5mei0x477e/

**Lecture session 10:** GIA reference frames and comparison of model predictions with GPS data (Mike Bevis)

http://carmenconnect.osu.edu/p82nz1nq48j/

**Lecture Session 11:** Using data, and data uncertainties, in evaluating and constraining GIA models (examples from Erik Ivins, Pippa Whitehouse, Mike Bevis, Tonie van Dam)

Erik, Pippa, Mike: http://carmenconnect.osu.edu/p95nocjrvui/

Tonie: http://carmenconnect.osu.edu/p4705y0pe6h/