**MF9555 – Analysis of repeated / correlated measurements**

**April 11. – 13 and 18. – 19. 2016**

***Teaching rooms:*** The course will take place in Domus Medica (DM) and Domus Odontologica (DO).

***Lecturer:*** Professor Magne Thoresen, Avdeling for biostatistikk, UiO

*Monday 11. April 2016*
08.30 Registration, Info desk DM.
09.00 Introduction, two repeated measurements. Simple approaches. *Store Aud. A1.1001 DO*

11.00 Computer exercise. *Computer room R-211 DM tilbygg*
12.00 Lunch.
12.45 Repeated measures. Analysis of summary measures. Refresher on regression analysis *Store Aud. A1.1001 DO.*

15.00 Computer exercise. *Computer room 2. floor DM*
16.00 End.

*Tuesday 12. April 2016*
08.30 Discussion of computer exercises. *Store Aud. A1.1001 DO.*
09.00 Regression analysis cont. *Store Aud. A1.1001 DO.*

11.00 Computer exercise. *Computer room 2. floor DM*
12.00 Lunch.
12.45 Models for repeated measures in longitudinal design. *Store Aud. A1.1001 DO.*

15.00 Computer exercise. *Computer room A1.1022 DO*

16.00 End.

*Wednesday 13. April 2016*
08.30 Discussion of computer exercises. *Store Aud. A1.1001 DO.*
09.00 Models for repeated measures in longitudinal design. *Store Aud. A1.1001 DO.*

11.00 Computer exercise. *Computer room R-211 DM tilbygg*

12.00 Lunch.
12.45 Models with random effects, mixed models. *Store Aud. A1.1001 DO.*

15.00 Computer exercise. *Computer room R-211 DM tilbygg*

16.00 End.

*Monday 18. April 2016*
08.30 Discussion of computer exercises. *Nye Aud. 13 DM*
09.00 Models with random effects, mixed models. *Nye Aud. 13 DM*

11.00 Computer exercise. *Computer room 2. floor DM*
12.00 Lunch.
12.45 Marginal models, GEE. *Nye Aud. 13 DM*

15.00 Computer exercise. *Computer room R-211 DM tilbygg*

16.00 End.

*Tuesday 19. April 2016*
08.30 Discussion of computer exercises. *Nye Aud. 13 DM*
09.00 Marginal models, GEE. *Nye Aud. 13 DM*

11.00 Computer exercise. *Computer room 2. floor DM*

12.00 Lunch.
12.45 Mixed models. *Nye Aud. 13 DM*

15.00 Computer exercise. *Computer room 2. floor DM*

16.00 End.

*Wednesday 20. April 2016*
08.30 Discussion of computer exercises. *Nye Aud. 13 DM*

09.00 Mixed models. *Nye Aud. 13 DM*

11.00 Computer exercise. *Computer room R-211 DM tilbygg*

12.00 Lunch.
12.45 Mixed models, missing data, summary. *Nye Aud. 13 DM*

15.30 End.