

The cartography of the Sun and the Stars

May 12 to 15, 2014

at the amphitheater of the Observatory of Besançon

Programme :

Monday, May 12:

14h00-16h00 : **Guy Perrin** : Interferometry to image surface spots (lecture)

16h00-16h30 : coffee

16h30-18h30 : **Nuccio Lanza** : Imaging surface spots from space photometry (lecture)

Tuesday, May 13:

09h00-11h00 : **Pierre Kervella** : Interferometry to determine stellar shapes (lecture)

11h00-11h30 : coffee

11h30-12h30 : **John Monnier** : Imaging the stars with the CHARA interferometer (lecture, part 1)

12h30-14h00 : lunch

14h00-15h00 : **John Monnier** : Imaging the stars with the CHARA interferometer (lecture, part 2)

15h00-16h00 : **Michel Rieutord** : Physical processes leading to surface inhomogeneities (lecture, part 1)

16h00-16h30 : coffee

16h30-18h30 : **Pierre Kervella** : Interferometry to determine stellar shapes (practical work)

Wednesday, May 14:

09h00-11h00 : **Oleg Kochukhov** : Doppler and Zeeman Doppler Imaging of stars (lecture)

11h00-11h30 : coffee

11h30-12h30 : **Claude Aime** : Reconstructing images in astrophysics (lecture, part 1)

12h30-14h00 : lunch

14h00-15h00 : **Céline Theys** : Reconstructing images in astrophysics (lecture, part 2)

15h00-16h00 : **Michel Rieutord** : Physical processes leading to surface inhomogeneities (lecture, part 2)

16h00-16h30 : coffee

16h30-18h30 : **Oleg Kochukhov** : Doppler and Zeeman Doppler Imaging of stars (practical work)

Thursday, May 15:

09h00-10h30 : **Jeff Kuhn** : Solar shape, limb photometry and oscillations with SDO (lecture)

11h30-11h00 : coffee

11h00-12h30 : **Alexander Kosovichev** : Reconstruction of solar subsurfaces through helioseismology with SDO (lecture)