



Confined DNA

UKF "Crossing Borders" grant

UNITYTHROUGH
KNOWLEDGEFUND

JEDINSTVOUZ
POMOCZNANJA

QCM-D E1 Installation & training workshop

29.-30.01.2014.

Institut za fiziku, Bijenička 46, Zagreb

Programme:

Wednesday

09:00-12:00 Instrument installation

12:00-13:00 Presentation: QCM-D basics

13:00-14:00 Lunch (all participants – restaurant A.Štampar, Rockefellerova ul.)

14:00-18:00 Introduction to instrument operation basics. Application of test samples. Non-specific DNA adsorption on Au-surface. Thiolated ssDNA attachment to Au-surface. Hybridization of DNA. DNA origami preparation.

Thursday

09:00-10:00 Additional samples preparation and measurement

10:00-11:00 Presentation: Q-tools data analysis package

11:00-13:00 Q-tools analysis of data obtained on a previous day

13:00-14:00 Lunch (all participants – restaurant A.Štampar, Rockefellerova ul.)

14:00-15:00 Closing remarks – final questions