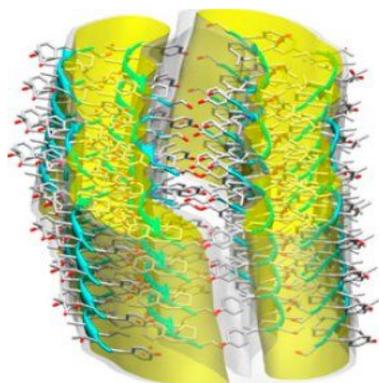


Discussion Meeting on Aggregation and Clustering of Molecules

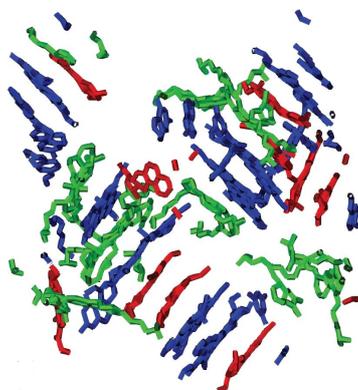
30th-31st October 2014

Royal Danish Academy of Sciences and Letters, Copenhagen



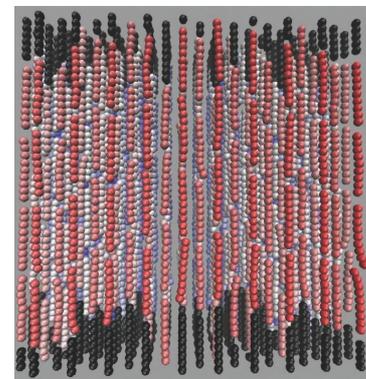
Amyloid Fibril

A. W. P. Fitzpatrick et al
PNAS **110**, 5468 (2013)
(Copyright 2013 NAS)



Asphaltene nanoaggregate,

C. Lemarchand et al
JCP **139**, 124506 (2013)
(Copyright 2013 AIP)



Columnar phase

S. Naderi et al
PRE **88**, 032307(2013)
(Copyright 2013 APS)

Focus: The aim of this informal meeting is to gather current knowledge and identify challenges in the field of molecular aggregation. It is a broad topic, with many different specific subjects. The idea of the workshop is to reveal the possible common basis of subjects such as amyloid fibril formation, columnar phases in liquid crystals, asphaltene nanoaggregation in bitumen, linear flexible chains, micelle formation, etc. For this reason, all oral presentations will be limited to 20 minutes, followed by 10 minutes of discussion. There will also be a poster session with plenty of time for discussion.

Confirmed speakers:

Kurt Binder (University of Mainz)
Peter Bolhuis (University of Amsterdam)
Amedeo Caflisch (University of Zürich)
Marcus Fändrich (Ulm University)
Ian Hamley (University of Reading)

Tuomas Knowles (University of Cambridge)
Oliver Mullins (Schlumberger, Cambridge)
Kay Saalwächter (University of Halle)
Paul van der Schoot (TU Eindhoven)
Philippe Ungerer (Materials Design, Montrouge)

Venue: Royal Danish Academy of Sciences and Letters

H.C. Andersens Boulevard 35

DK-1553 København V

Denmark

Practical details:

The attendance at the workshop is free of charge and includes dinner and lunches. To participate, please send an e-mail to Claire Lemarchand at clairel@ruc.dk *before June 1st 2014* specifying whether you would like to make a presentation and if so the title (no abstract is needed). The number of participants is limited to about 50. The workshop begins on October 30th around noon and ends on October 31st at 16:00.



This workshop is organized by Claire Lemarchand, in collaboration with Jeppe Dyre and Søren Toxværd from the Glass and Time group, Roskilde, Denmark. It is sponsored by the Danish Council for Independent Research | Technology and Production Sciences.