CINEMA: Alliance for Imaging and Modelling of Energy Applications

The CINEMA research alliance will develop unique 3D micro-structural characterization methods, which make it possible to investigate components under realistic conditions and in real time. This will enable correlation between performance and local changes in the microstructure.

Andreasen, J. W., Project Manager, Department of Energy Conversion and Storage, Imaging and Structural Analysis
Poulsen, H. F., Project Coordinator, Department of Physics, Neutrons and X-rays for Materials Physics
Mikkelsen, L. P., Project Participant, Department of Wind Energy, Composites Mechanics and Materials Mechanics
Serensen, B. F., Project Participant, Department of Wind Energy, Composites Mechanics and Materials Mechanics
Bowen, J. R., Project Participant, Department of Energy Conversion and Storage, Imaging and Structural Analysis
Kuhn, L. T., Project Participant, Department of Energy Conversion and Storage, Imaging and Structural Analysis
Larsen, R., Project Participant, Department of Applied Mathematics and Computer Science, Image Analysis & Computer Graphics
Hansen, P. C., Project Participant, Department of Applied Mathematics and Computer Science, Scientific Computing
Frandsen, H. L., Project Participant, Department of Energy Conversion and Storage, Mixed Conductors
Gundlach, C., Project Participant, Department of Physics, Neutrons and X-rays for Materials Physics
Dahl, A. B., Project Participant, Department of Applied Mathematics and Computer Science, Image Analysis & Computer Graphics
Jespersen, K. M., PhD Student, Department of Wind Energy, Composites Mechanics and Materials Mechanics
Beil, J., PhD Student, NBI/HTAS
Andersen, M., PhD Student, Department of Applied Mathematics and Computer Science, Image Analysis & Computer Graphics, Scientific Computing
Emerson, M. J., PhD Student, Department of Applied Mathematics and Computer Science, Statistics and Data Analysis
De Angelis, S., PhD Student, Imaging and Structural Analysis
Yang, S., Project Participant
Poulsen, S. O., Project Participant, Department of Energy Conversion and Storage, Neutrons and X-rays for Materials Physics
Lyckegaard, A., Project Participant
Birkelund, K., PhD Student, Norges Byggforskningsinstitutt
Jacobsen, H. S., PhD Student
Frandsen, H. L., Supervisor, Department of Energy Conversion and Storage
Serensen, H., Project Manager, Department of Physics, Neutrons and X-rays for Materials Physics
Chapelle, L., PhD Student
Lauridsen, E. M., Project Participant
Serensen, H. O., Project Participant, University of Copenhagen
01/01/2014 → 31/12/2018

Collaborators: Rockwool International, MaxLab, Haldor Topsoe AS, University of Manchester, University of Copenhagen, Norges Byggforskningsinstitutt, Amminex Emmisions Technology A/S, NBI/HTAS, Northwestern University, LM Wind Power, Xnovo Technology ApS

Project: Research