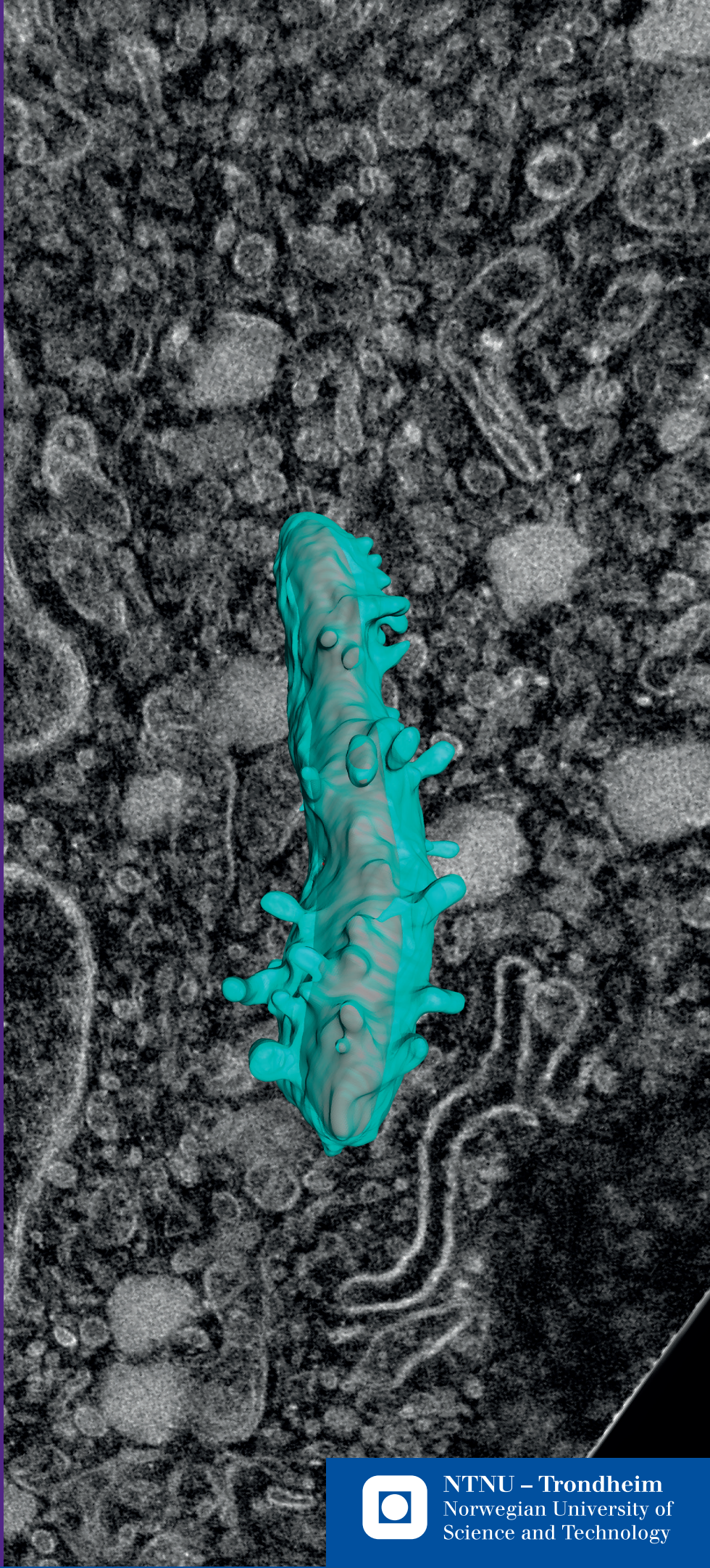


Publications NTNU NanoLab 2015



NTNU – Trondheim
Norwegian University of
Science and Technology

Nano@NTNU Publications 2015

This publication list presents journal articles published by the academic community within nanoscience, nanotechnology and functional materials at NTNU. We prepare this summary as part of Nano@NTNU's mandate to coordinate and monitor the development of this field of science at our university. The authors come from five faculties and represent a multidisciplinary research community. The list is organized into three sections covering the research areas: "nanoelectronics, nanophotonics and nanomagnetism", "nanomaterials" as well as "bionanotechnology and nanomedicine". The references printed in bold include work carried out in NTNU NanoLab.

In 2015 we carried out a survey of the nano-community at NTNU. The number of faculty members (85) that have projects (171) related to the initiative continues

to grow. The number of publications (200) per year is roughly the same over the last three years. However, the quality of the scientific work has increased (83 level 2 journal articles vs 71 in 2014) and the outcome of the cleanroom work becomes more visible (41 publications vs 35 in 2014). We expect these numbers will continue to rise in the years to come.

Kay Gastinger
Director
NTNU NanoLab



Photo: Jesper Löffman

Nanoelectronics, Nanophotonics and Nanomagnetism

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