



NANOALLOYS
International Research Network

IMN 2018

MAY 22-25

Orléans
France

International Meeting on Nanoalloys

University of Genoa Research activities on nanoparticle modelling

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Genova
(Genoa, Gênes)





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The Group

Staff Members

Riccardo Ferrando, Giulia Rossi

Postdocs

Alessio Bartocci

PhD Students

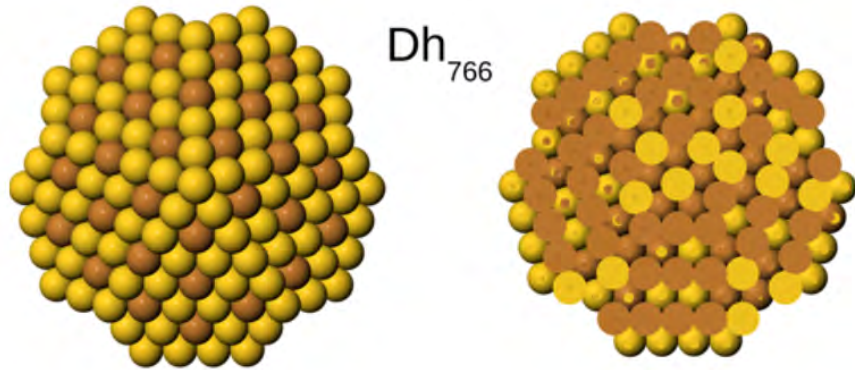
Daniele Rapetti, Sebastian Salassi,
Federica Simonelli, Anna De Marco

Master Students

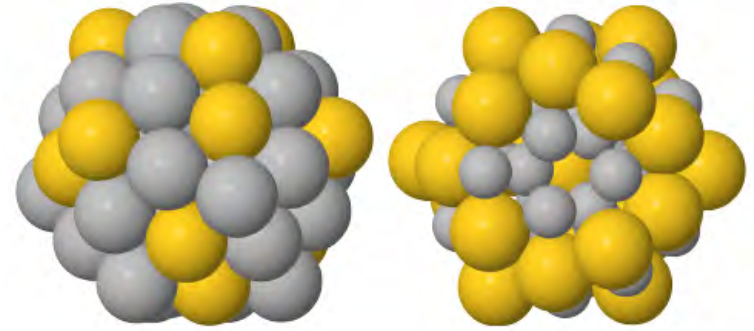
Diana Nelli, Enrico Lavagna

Global Optimization

Force fields - SMTB

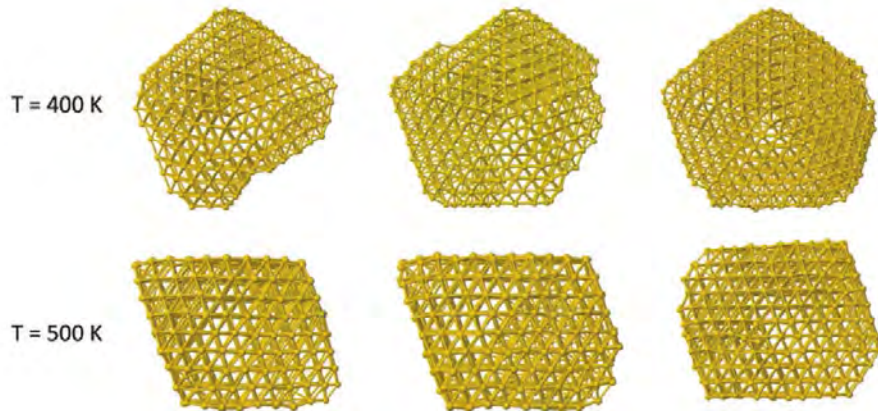


DFT Basin Hopping

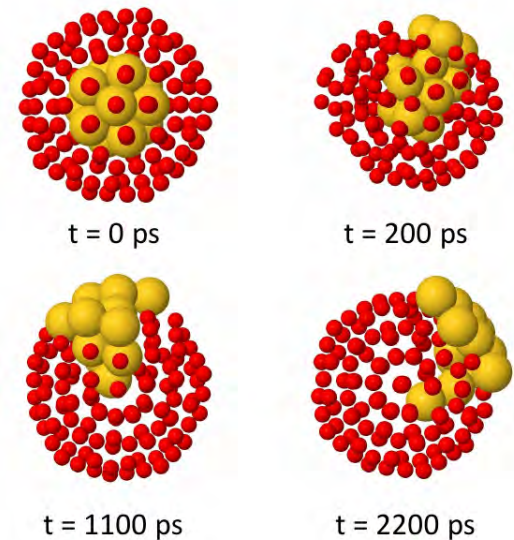


Classical Molecular Dynamics

Growth simulations
by standard MD

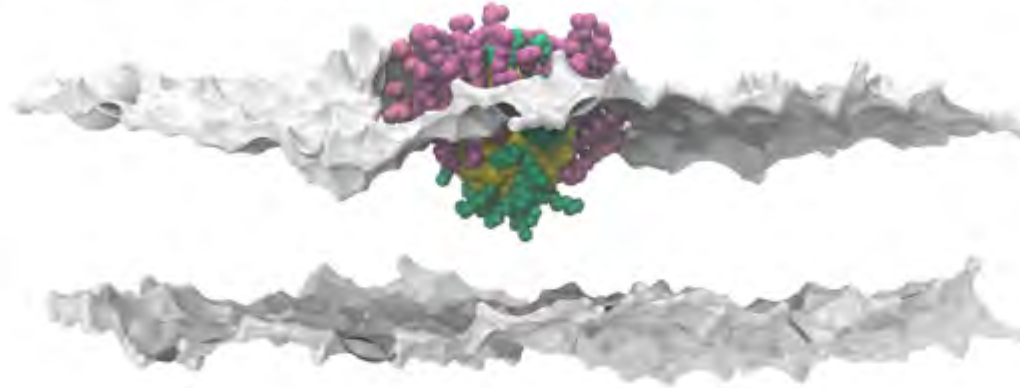


Structure evolution
by accelerated MD

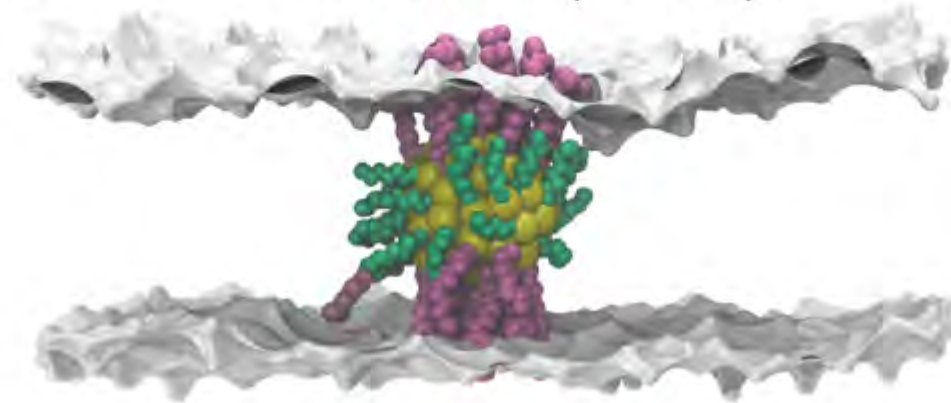


Metal Nanoparticles & Biomembranes

a hydrophobic contact (HC)



b anchored (ANCH)



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Rossi



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