

Areas of speciality and Fields of responsibility: responsible for several microscope instruments, especially for characterization applications. More information available with further link at <http://folk.ntnu.no/yingday/>

Area of work

- SEM
- TEM
- EDS
- EBSD

Background

Education:

- BA at Central South University (CSU China)
- MSC at MRS Chinese Academy of Science (CAS China)
- PhD at MRS CAS

Work experience:

- Researcher at MRS CAS (1990-1992)
- Researcher at Okayama University of Science Japan (1992-1994)
- Postdoc at NIMS Tsukuba Japan (1997-1998)
- Postdoc at IFY NTNU (1998-2001)
- Researcher at IMT NTNU (2002-2005)
- Senior Engineer at IMA NTNU (2005-)

Scientific, academic and artistic work

Jiang, Jiawei; Liu, Manping; Liu, Yang; Tang, Kai; Wang, Zibo; Li, Yichao; Yu, Yingda; Skaret, Pål Christian; Roven, Hans Jørgen. (2017) [Materials Science Forum](#). vol. 877.

Volodin, Alexander A.; Wan, ChuBin; Denys, Roman Volodymyrovich; Tsirlina, Galina A.; Tarasov, Boris P.; Fichtner, Maximilian; Ulmer, Ulrich; Yu, Yingda; Nwakwuo, Christopher; Yartys, Volodymyr. (2016) [Phase-structural transformations in a metal hydride battery anode La_{1.5}Nd_{0.5}MgNi₉ alloy and its electrochemical performance](#). International journal of hydrogen energy. vol. 41 (23).

Liu, Manping; Wu, Zhenjie; Yang, Rui; Wei, Jiangtao; Yu, Yingda; Skaret, Pål Christian; Roven, Hans Jørgen. (2015) [DSC analyses of static and dynamic precipitation of an Al-Mg-Si-Cu aluminum alloy](#). Progress in Natural Science. vol. 25 (2).