



从道永, 1980年10月出生, 新金属材料国家重点实验室教授, 洪堡学者, 北京科技大学高层次引进人才。2003年在东北大学材料科学与工程专业获学士学位, 2009年在法国梅斯大学材料学专业获博士学位。2009年至2011年在德国莱布尼茨固态与材料研究所洪堡学者身份从事科学研究。目前主要从事先进马氏体相变多功能合金、新型磁驱动相变材料、高性能形状记忆合金研究。担任《Intermetallics》、《Journal of Physics: Condensed Matter》、《Journal of Physics D: Applied Physics》、《Solid State Communications》等国际期刊特邀审稿人。

【在研科研项目】

1. 国家863计划, 基于多场协同训练的磁控功能材料制备技术(2015AA034101), 2015年-2017年
2. 国家自然科学基金, 磁驱动形状记忆合金结构转变与磁转变耦合及其与功能特性的关联性研究(51471030), 2015年-2018年
3. 国家自然科学基金, 形状记忆合金强化析出相应力状态演变规律的原位同步辐射研究(11305008), 2014年-2016年

【代表性学术论文】

1. **D. Y. Cong***, S. Roth and L. Schultz: Magnetic properties and structural transformations in Ni-Co-Mn-Sn multifunctional alloys. **Acta Materialia** 60, 5335-5351 (2012)
2. **D. Y. Cong***, G. Saha and M. R. Barnett: Thermomechanical properties of Ni-Ti shape memory wires containing nanoscale precipitates induced by stress-assisted ageing. **Acta Biomaterialia** 10, 5178-5192 (2014)
3. L. Huang, **D. Y. Cong***, H. L. Suo and Y. D. Wang: Giant magnetic refrigeration capacity near room temperature in $\text{Ni}_{40}\text{Co}_{10}\text{Mn}_{40}\text{Sn}_{10}$ multifunctional alloy. **Applied Physics Letters** 104, 132407 (2014)



Daoyong Cong, the professor of State Key Laboratory for Advanced Metals and Materials, received his B.E. in Materials Science and Engineering from Northeastern University, China, in 2003, and his Ph.D. in Materials Science from Paul Verlaine University – Metz (now University of Lorraine), France, in 2009. He was a Humboldt Research Fellow at IFW Dresden, Germany from 2009 to 2011. His current research interests include advanced multifunctional alloys based on martensitic transformation, novel magnetically driven phase transition materials, and high-performance shape memory alloys.

【Publications】

1. **D. Y. Cong***, S. Roth and L. Schultz: Magnetic properties and structural transformations in Ni-Co-Mn-Sn multifunctional alloys. **Acta Materialia** 60, 5335-5351 (2012)
2. **D. Y. Cong***, G. Saha and M. R. Barnett: Thermomechanical properties of Ni-Ti shape memory wires containing nanoscale precipitates induced by stress-assisted ageing. **Acta Biomaterialia** 10, 5178-5192 (2014)
3. L. Huang, **D. Y. Cong***, H. L. Suo and Y. D. Wang: Giant magnetic refrigeration capacity near room temperature in $\text{Ni}_{40}\text{Co}_{10}\text{Mn}_{40}\text{Sn}_{10}$ multifunctional alloy. **Applied Physics Letters** 104, 132407 (2014)