

## Xuwei Lv

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China*

**Friday, 28<sup>th</sup> September 2018, 11:00 s.t.**

TU Wien, Institut für Angewandte Physik, E134  
1040 Wien, Wiedner Hauptstraße 8-10  
Yellow Tower „B“, 5<sup>th</sup> floor, SEM.R. DB gelb 05 B



## **Extractive metallurgy on magnetite ore bearing vanadium and titanium in Panzhihua, China**

Magnetite ore bearing vanadium and titanium in Panzhihua, China, is a complex iron ore with the coexistence elements of vanadium and titanium. It is a very huge deposit in the world, and it accounts for 28% of Ti and 37% of V in the world. The whole process to extract Fe, V and Ti is introduced, as well as the progress and the problems from the industrial. Some studies on the extractive metallurgy on the resources from the Chongqing University are also presented.

*CV of Professor Xuwei Lv*

**Professor Xuwei Lv** got his bachelor and PhD on Metallurgical Engineering in 2005 and 2010 from Department of Material Science, Chongqing University, China. He was an exchange PhD student in Missouri University - Rolla, USA. He work as a faculty in Chongqing University after 2010, and got the Professor position in 2014. During 2016-2017, he worked as the visiting professor in Carnegie Mellon University. Up to now, he has published 140 Papers in the Journals such as MMTB, ISIJ International, Powder technology etc. His research topics are Mineral processing and extractive metallurgy, and heat and resource recovery from the industrial process.

All interested colleagues are welcome to this seminar lecture (45 min. presentation followed by discussion)

Friedrich Aumayr  
(LVA-Leiter)

Ulrike Diebold  
(Seminar Chair)