Record Nr. UNINA9910484118203321 A History of Chinese Science and Technology: Volume 3 / / edited by **Titolo** Yongxiang Lu Pubbl/distr/stampa Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, , 2015 **ISBN** 3-662-44163-2 Edizione [1st ed. 2015.] Descrizione fisica 1 online resource (634 p.) 5 Disciplina 501 509 601 Soggetti History Philosophy and science Philosophy History of Science Philosophy of Science Philosophy of Technology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Architecture Technology -- Mining and Metallurgical Technology --Nota di contenuto Mechanical Technology -- Water Conservancy Technology --Communication Technology -- Military Technology -- Conclusion. A History of Chinese Science and Technology (Voulumes 1, 2 & 3) Sommario/riassunto presents 44 individual lectures, beginning with Ancient Chinese Science and Technology in the Process of Human Civilizations and An Overview of Ancient Chinese Science and Technology, and continuing with indepth discussions of several issues in the history of science and the Needham Puzzle, interspersed with topics on Astronomy, Arithmetic, Agriculture, and Medicine, The Four Great Inventions, and various technological areas closely related to clothing, food, shelter, and transportation. This book is the most authoritative work on the history of Chinese Science and Technology. It is the Winner of the China Book

Award, the Shanghai Book Award (1st prize), and the China Classics

International (State Administration of Press, Publication, Radio, Film and Television of The People's Republic of China) and offers an essential resource for academic researchers and non-experts alike. It originated with a series of 44 lectures presented to top Chinese leaders, which received very positive feedback. Written by top Chinese scholars in their respective fields from the Institute for the History of Nature Sciences, Chinese Academic Sciences and many other respected Chinese organizations, the book is intended for scientists, researchers and postgraduate students working in the history of science, philosophy of science and technology, and related disciplines. Yongxiang Lu is a professor, former president and member of the Chinese Academy of Sciences.