



UNIVERSITY OF MACAU
FACULTY OF SCIENCE AND TECHNOLOGY
DEPARTMENT of
ELECTROMECHANICAL ENGINEERING

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*" Survey on DSP research status and the
development of "Fei Teng" DSP in China"*

by

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Time: 05:30PM – 06:30PM

Venue: N402 (University of Macau)

Abstract

In the first part of the presentation, the current development status in the international academic community about DSP will be presented. In the second

part, the current research status and planning of DSP in China will be presented, the key techniques of “Fei Teng” series of DSP will be presented in details. Some basic situations on research activities in the Microelectronics and Microprocessors Institute of National University of Defense Technology will be presented as well.

Biography

Prof. Hengzhu Liu is a Full Professor and Ph.D. Supervisor in National University of Defense Technology. Prof. Liu is Vice Director of Microelectronics and Microprocessor Institute at School of Computer, he is also a senior member of Computer Society of China and a member of Chinese Artificial Intelligence Society. His research interests include spatial information processing, computer system structure, microprocessor, and SoC system design etc. He has finished 20 projects sponsored by “863” high technology fund, national science foundation fund, aerospace engineering funds etc. He is now holding up national key project on “Nuclear Power” project focused on “High performance DSP with self development feature”, national science foundation “Wireless digital signal processor structure study equipped with software”, the key project of national science foundation “Study on radiation effects and anti-radiation techniques for integrated circuits”. He has received twice of the first rank prize and four times of the second rank prize of Science and Technology Development Award in China,. In addition, he has been awarded two patents and published over 50 papers in journals and conferences.

ALL ARE WELCOME!