

## 2005 年 ISTP 收录我校教师会议论文情况统计

Sch Elect & Elect Engn ( 电气与电子工程学院 ) 11 篇

1 . Li L, Li QF, Guo E, et al.

Study on temper embrittlement of phosphorus in steel 12Cr1MoV

Asian Pacific Conference on Fracture and Strength, OCT 06-08, 2004

ADVANCES IN FRACTURE AND STRENGTH, PTS 1- 4 : 1183-1188, 2005

2 . Li QF, Wang P, Liu D, et al.

Experimental study on fatigue crack growth in a titanium alloy

Asian Pacific Conference on Fracture and Strength, OCT 06-08, 2004

ADVANCES IN FRACTURE AND STRENGTH, PTS 1- 4 : 2489-2494, 2005

3 . Zhou ML, Wang XD, Ma HJ, et al.

The research and realization of CAN bus control network for car continuously variable transmission

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 7522-7525, 2005

4 . Zhang XH, Zhang MY, Gao JG, et al.

Investigation on microstructure and dielectric properties of polyethylene/montmorillonite nano-composites

International Symposium on Electrical Insulating Materials, JUN 05-09, 2005

PROCEEDINGS OF THE 2005 INTERNATIONAL SYMPOSIUM ON ELECTRICAL INSULATING MATERIALS, VOLS, 1-3 : 235-238, 2005

5 . Zhang PH, Li G, Gai LY, et al.

The conduction current characteristics of both original and corona-resistant polyimide films

International Symposium on Electrical Insulating Materials, JUN 05-09, 2005

PROCEEDINGS OF THE 2005 INTERNATIONAL SYMPOSIUM ON ELECTRICAL INSULATING MATERIALS, VOLS, 1-3 : 301-303, 2005

6 . Zhang XH, Hu QJ, Gao JG, et al.

Effect of DC voltage on dielectric properties of low-voltage cable with XLPE insulation

International Symposium on Electrical Insulating Materials, JUN 05-09, 2005

PROCEEDINGS OF THE 2005 INTERNATIONAL SYMPOSIUM ON ELECTRICAL INSULATING MATERIALS, VOLS, 1-3 : 624-627, 2005

7 . Zhang XH, Hu CX, Gao JG, et al.

Microscopic characteristic and signal analysis of aging defects in epoxy/mica insulation bar under different stresses

International Symposium on Electrical Insulating Materials, JUN 05-09, 2005

PROCEEDINGS OF THE 2005 INTERNATIONAL SYMPOSIUM ON ELECTRICAL INSULATING MATERIALS, VOLS, 1-3 : 710-713, 2005

8 . Hong Z, Zhang WL, Gu AF, et al.

The effect of organical montmorillonite (O-MMT) on Electrorheological properties of PMMA/SrTiO<sub>3</sub> composite particles

International Symposium on Electrical Insulating Materials, JUN 05-09, 2005

PROCEEDINGS OF THE 2005 INTERNATIONAL SYMPOSIUM ON ELECTRICAL INSULATING MATERIALS, VOLS, 1-3 : 726-728, 2005

9 . Hong Z, Xiong YL, Jian Z, et al.

Measurement of power frequency AC current using FBG and GMM

International Symposium on Electrical Insulating Materials, JUN 05-09, 2005

PROCEEDINGS OF THE 2005 INTERNATIONAL SYMPOSIUM ON ELECTRICAL INSULATING MATERIALS, VOLS, 1-3 : 741-743, 2005

10 . Chen QG, Wang YH, Wei XL

The UHF method for measurement of partial discharge and interference suppression

International Symposium on Electrical Insulating Materials, JUN 05-09, 2005

PROCEEDINGS OF THE 2005 INTERNATIONAL SYMPOSIUM ON ELECTRICAL INSULATING MATERIALS, VOLS, 1-3 : 829-832, 2005

11 . Li WL, Zhou F, Zhang D, et al.

Coupled electromagnetic fields and temperature fields to analyze the voltage fluctuation of a synchronous generator with the consideration of insulation layers

11th International Symposium on Electromagnetics Fields in Electrical Engineering, SEP 18-20, 2003

COMPUTER ENGINEERING IN APPLIED ELECTROMAGNETISM : 359-364, 2005

### Sch Meas and Commun (测控技术与通讯工程学院) 12 篇

1 . Shi YB, Jin XL, Li Y, et al.

Study on a novel SO<sub>2</sub> gas sensor using self-ordered CuPc-modified SBA-16film

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 3607-3610, 2005

2 . Zhang HQ, Shi YB, Dong XP, et al.

Study on the CO micro gas sensor with temperature and humidity compensation

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 3715-3718, 2005

3 . Ma HJ, Gai JX, Ma YL

Research of dynamic balance test system algorithm and system implementation based on DSP

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 5426-5429, 2005

4 . Zhang R, Zhang LY, Jiang BL

Subchannel dynamic allocation with clonal selection algorithm for multicarrier CDMA system

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 5727-5730, 2005

5 . Wang HY, Zhang LY, Zhang YD

Study on simulation system of tooth arrangement robot based on simmechanics

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 7360-7363, 2005

6 . Shang QH, Wang YM, Ma HJ

The implementation of automatic test system based on wireless network

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 8822-8825, 2005

7 . Guo KQ, Jia SL, Sun LX

Dynamic packet scheduling based on utility optimization in OFDM networks

3rd International Conference on Computer Networks and Mobile Computing (ICCNMC 2005), AUG 02-04, 2005

NETWORKING AND MOBILE COMPUTING, PROCEEDINGS : 74-83, 2005

8 . Yuan HJ, Zhou BG, Zou CH, et al.

The 3D measurement system on color-encoded and its simulation

Conference on Advanced Materials and Devices for Sensing and Imaging II, NOV 08-10, 2004

ADVANCED MATERIALS AND DEVICES FOR SENSING AND IMAGING II : 497-505, 2005

9 . Yang L, Yuan HJ, Zhou Z, et al.

The research of measuring method about color difference of tiles

Conference on Advanced Materials and Devices for Sensing and Imaging II, NOV 08-10, 2004

ADVANCED MATERIALS AND DEVICES FOR SENSING AND IMAGING II : 514-519, 2005

10 . Wang LJ, Guo JY, Xu KX

Development of direct orthogonalization method in NIR spectral analysis

Conference on Infrared Components and Their Applications, NOV 08-11, 2004

INFRARED COMPONENTS AND THEIR APPLICATIONS : 481-488, 2005

11 . Wang LJ, Guo JY, Xu KX

Factors affecting the accuracy of a NIR spectral system for measuring milk constituents

Conference on Infrared Components and Their Applications, NOV 08-11, 2004  
INFRARED COMPONENTS AND THEIR APPLICATIONS : 657-662, 2005

12. Xiong ZM, Hao ZX

Refined rules termination analysis through activation path

6th International Conference on Web -Age Information Management, OCT 11-13, 2005

ADVANCES IN WEB-AGE INFORMATION MANAGEMENT, PROCEEDINGS : 392-403, 2005

### Sch Mat Sci & Engn (材料科学与工程学院) 9 篇

1. Ji ZS, Hong Y, Zhao M

Lathe process of AZ91D magnesium alloy chips used in semi-solid thixomolding

1st International Workshop on Advanced Metallic materials and processing Techniques for Aeronautical Applications, NOV 18-20, 2005

TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA 15: 236-240, Sp. Iss. 3 NOV 2005

2 . Guo LW, Dai HB, Li D, et al.

The effects of uneven surface on the ultrasonic testing results of T-shape joint

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 167-170, 2005

3 . Zhang MY, Zeng SJ, Dong TQ, et al.

Synthesis and characterization of silica-alumina co-doped polyimide film

International Symposium on Electrical Insulating Materials, JUN 05-09, 2005

PROCEEDINGS OF THE 2005 INTERNATIONAL SYMPOSIUM ON ELECTRICAL INSULATING MATERIALS, VOLS, 1-3 : 203-205, 2005

4 . Zhang MY, Dong TQ, Zeng SJ, et al.

Synthesis and electric properties of nano-hybrid polyimide/silica film

International Symposium on Electrical Insulating Materials, JUN 05-09, 2005

PROCEEDINGS OF THE 2005 INTERNATIONAL SYMPOSIUM ON ELECTRICAL INSULATING MATERIALS, VOLS, 1-3 : 397-400, 2005

5 . Zhang MY, Sun TT, Zhang XH, et al.

Study on preparation and properties of organic- montmorillonite modified epoxy nanocomposites

International Symposium on Electrical Insulating Materials, JUN 05-09, 2005

PROCEEDINGS OF THE 2005 INTERNATIONAL SYMPOSIUM ON ELECTRICAL INSULATING MATERIALS, VOLS, 1-3 : 658-660, 2005

6 . Yu YD, Li Q

Diffusion bonding in superplastic ZK60 magnesium alloy

International Conference on Magnesium - Science, Technology and Applications, SEP 20-24, 2004  
MAGNESIUM - SCIENCE, TECHNOLOGY AND APPLICATION : 227-230, 2005

7 . Lin SB, Yang CL, He WB, et al.

Effects of fluxes with single component on weld depth in A-TIG welding of magnesium alloy

Symposium on Forming and Analysis Technology of Advanced Materials, MAY 22, 2005

TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA 15: 56-59, Sp. Iss. 2 APR 2005

8 . Zheng W, Liu B, Bi JC, et al.

Influence of the Li/Nb ratio on crystal growth and photorefractive properties of Ce : Mn : LiNbO<sub>3</sub> crystal

Conference on Advanced Materials and Devices for Sensing and Imaging II, NOV 08-10, 2004

ADVANCED MATERIALS AND DEVICES FOR SENSING AND IMAGING II : 492-496, 2005

9 . Xu YX, Zhang ZT, Zhang XY, et al.

Effect of Li<sup>+</sup> and Mn<sup>2+</sup> doping on the electrical properties of SrTiO<sub>3</sub>-based varistor ceramics

3rd China International Conference on High-Performance Ceramics (CICC-3), MAY 09-12, 2004  
HIGH-PERFORMANCE CERAMICS III, PTS 1 AND 2 : 361-364, 2005

### Sch Mech & Power Engn (机械动力工程学院) 5 篇

1 .Zhang J, He XD, Du SY

**Analyses of the fatigue crack propagation process and stress ratio effects using the two parameter method**

5th International Conference on Fatigue Damage in Structural Materials, SEP 19-24, 2004

INTERNATIONAL JOURNAL OF FATIGUE 27 (10-12): 1314-1318, OCT-DEC 2005

2 . **Wang P, Liu XF, Wu CY**

**Application of run length coding for defect image recognizing of steel ball surface**

11th Joint International Computer Conference (JICC 2005), NOV 10-12, 2005

PROCEEDINGS OF THE 11TH JOINT INTERNATIONAL COMPUTER CONFERENCE : 903-906, 2005

3 . **Chen Y, Lai MZ, Lai YN**

**A fuzzy neural network color filtering method**

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 1072-1075, 2005

4 . **Shi XJ, Zhou DF, Si JS, et al.**

**Research on test method of high pressure water descaling nozzle performance**

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 4330-4333, 2005

5 . **Zhao YL, Wang P, Zhang GL, et al.**

**Shape of cutting chip monitoring system based on LabVIEW**

Conference on Electronic Imaging and Multimedia Technology IV, NOV 08-11, 2004

ELECTRONIC IMAGING AND MULTIMEDIA TECHNOLOGY IV : 518-523, 2005

#### **Sch Appl sci (应用科学学院) 5 篇**

1. **Wang HB, Hong Y, Liang YX**

**Effect of extrusion ratio on mechanical properties of AZ31B alloy**

1st International Workshop on Advanced Metallic materials and processing Techniques for Aeronautical Applications, NOV 18-20, 2005

TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA 15: 23-27, Sp. Iss. 3 NOV 2005

2 . **Deng CX, Han H, Du WW**

**Characterizing of the image space of wavelet transform**

International Computer Congress 2004/3rd International Conference on Wavelet Analysis and Its Applications/2nd International Conference on Active Media Technology, MAY, 2004

WAVELET ANALYSIS AND ACTIVE MEDIA TECHNOLOGY VOLS 1-3 : 1165-1170, 2005

3 . **Yin JH, Cai W, Zheng YF, et al.**

**Effect of Pt film thickness on PtSi formation and film surface morphology**

2nd International Conference on Advances of Thin Films and Coating Technology, JUL 13-17, 2004

SURFACE & COATINGS TECHNOLOGY 198 (1-3): 329-334, AUG 1 2005

4 . **Wang YJ, Zheng W, Xu Y**

**The temperature effect on non-degenerating four-wave mixing in Mn : Fe : LiNbO3 crystals**

Conference on Material Processing and Manufacturing II, NOV 10-12, 2004

LASERS IN MATERIAL PROCESSING AND MANUFACTURING II : 377-380, 2005

5 . **Gui TL, Jin SH, Lee WC, et al.**

**Electro-optical properties of poly(2-ethynyl-N-hexylpyridinium bromide) and poly(2-ethynyl-N-hexylpyridinium iodide)**

4th International Conference on Electroluminescence of Molecular Materials and Related Phenomena, AUG 27-30, 2003

CURRENT APPLIED PHYSICS 5 (1): 23-26, JAN 2005

#### **Coll Automat (自动化学院) 3 篇**

1 . **Xu J, Ai H, You B, et al.**

**Optimal design of a high-resolution smart temperature sensor using quartz tuning fork resonator and experimental test of samples**

International Conference on Mechanical Engineering and Mechanics, OCT 26-28, 2005

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON MECHANICAL ENGINEERING AND MECHANICS 2005, VOLS 1 AND 2 : 485-489, 2005

2 . **Ai H, Xu J, Li X, et al.**

**The quartz crystal tuning fork resonator as a temperature sensor**

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 3745-3748, 2005

3 . **Xu J, Li X, Ai H, et al.**

**Novel wireless temperature meter based on quartz tuning-fork temperature sensor**

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 3749-3752, 2005

### **Coll Econ & Management(经济与管理学院) 2 篇**

1.Song JS, Li BZ, Liu S

**Research on dynamic management pattern of manufacturing firm**

12th International Conference on Management Science and Engineering, JUL 20-21, 2005

PROCEEDINGS OF THE 2005 INTERNATIONAL CONFERENCE ON MANAGEMENT SCIENCE & ENGINEERING (12TH), VOLS 1- 3 : 1048-1052, 2005

2 . **Qi LQ, Shu C**

**A study on the evaluation method of high-tech industrial policy based on gray analysis and fuzzy evaluation**

12th International Conference on Management Science and Engineering, JUL 20-21, 2005

PROCEEDINGS OF THE 2005 INTERNATIONAL CONFERENCE ON MANAGEMENT SCIENCE & ENGINEERING (12TH), VOLS 1- 3 : 2200-2204, 2005

### **Coll Chem & Environm Engn ( 化学与环境工程学院 ) 2 篇**

1 . **Bi JC, Liu B, Zheng W**

**Study on photodamage of Mg : Er : LMO3 waveguide substrate**

Conference on Holography, Diffractive Optics and Applications II, NOV 08-11, 2004

HOLOGRAPHY, DIFFRACTIVE OPTICS, AND APPLICATIONS II, PTS 1 AND 2 : 400-404, 2005

2 . **Liu B, Bi JC, Zheng W**

**Study on growth and photorefractive properties of Ce : Cu : KLN crystal**

Conference on Advances in Optical Data Storage Technology, NOV 08-10, 2004

ADVANCES IN OPTICAL DATA STORAGE TECHNOLOGY : 408-414, 2005

### **未标明学院 ( 具体单位 ) 12 篇**

1 . **Li Y, Li XW, Cui LH**

**The application of embedded processor S3C44BOX in data acquisition system**

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 473-476, 2005

2 . **Zhang XH, Zhang LY, Du ZL, et al.**

**A intelligent multi-user single-phase kilowatt-hour meter with RF IC card and carrier**

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 1610-1612, 2005

3 . **Fan JY, Wei XN, Wang Y, et al.**

**The study on encoding and calibration of 3D measuring device using projective structured light**

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005

ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS 1-9, CONFERENCE PROCEEDINGS : 3254-3258, 2005

4 . **Chen DY, Zheng GB, Yu XY, et al.**

**Three-dimensional modeling analysis of sensor sensitivity field based on quadrilateral and image reconstruction algorithm for Electrical Capacitance Tomography**

6th International Symposium on Test and Measurement (ISTM), JUN 01-04, 2005  
ISTM/2005: 6TH INTERNATIONAL SYMPOSIUM ON TEST AND MEASUREMENT, VOLS  
1-9, CONFERENCE PROCEEDINGS : 6472-6475, 2005

5 . **Chen DY, Pei SJ, Quan ZY**

**Knowledge base system visualization reasoning model based on ICON**

Conference on Data Mining, Intrusion Detection, Information Assurance and Data Networks  
Security 2005, MAR 28-29, 2005

DATA MINING, INTRUSION DETECTION, INFORMATION ASSURANCE, AND DATA  
NETWORKS SECURITY 2005 : 352-355, 2005

6 . **Qiao PL, Su J, Sun CW**

**Distributed intrusion detection system based on ARTIS**

Conference on Data Mining, Intrusion Detection, Information Assurance and Data Networks  
Security 2005, MAR 28-29, 2005

DATA MINING, INTRUSION DETECTION, INFORMATION ASSURANCE, AND DATA  
NETWORKS SECURITY 2005 : 356-363, 2005

7 . **Zhou Z, Zhao ZG, Chen DK, et al.**

**Mathematic modeling the relationship of bacteria number in a diary product and the color  
difference measured by a CCD image sensor**

Conference on Advanced Materials and Devices for Sensing and Imaging II, NOV 08-10, 2004

ADVANCED MATERIALS AND DEVICES FOR SENSING AND IMAGING II : 486-491, 2005

8 . **Yu XY, Dai Q, Fan JY, et al.**

**Calibration of structured light-based vision sensor with four groups of laser device and camera**

Conference on Advanced Materials and Devices for Sensing and Imaging II, NOV 08-10, 2004

ADVANCED MATERIALS AND DEVICES FOR SENSING AND IMAGING II : 543-548, 2005

9 . **Liu XL, Wang YJ, Li YF, et al.**

**Quality measurement of cutting and grinding surfaces based on image**

Conference on Light-Emitting Diode Materials and Devices, NOV 08-10, 2004

LIGHT-EMITTING DIODE MATERIALS AND DEVICES : 139-146, 2005

10 . **Fan JY, Wang Y, Yu XY, et al.**

**Research on obtaining range image based on structured light and stripe encoding**

Conference on Electronic Imaging and Multimedia Technology IV, NOV 08-11, 2004

ELECTRONIC IMAGING AND MULTIMEDIA TECHNOLOGY IV : 524-531, 2005

11 . **Liu XL, Yuan QL, Zhang LG, et al.**

**Methods of recognizing chips' shape based on neural net**

Conference on Electronic Imaging and Multimedia Technology IV, NOV 08-11, 2004

ELECTRONIC IMAGING AND MULTIMEDIA TECHNOLOGY IV : 547-551, 2005

12 . **Zhou Z, Zhao ZG, Wu J, et al.**

**New method to measure the total amount of bacteria in raw milk**

Conference on Optics in Health Care and Biomedical Optics, NOV 08-12, 2004

OPTICS IN HEALTH CARE AND BIOMEDICAL OPTICS: DIAGNOSTICS AND  
TREATMENT II , PTS 1 AND 2 : 447-451, 2005