

## 计量测试

- 电子计价秤软件自动测试系统 ..... 崔伟群 (3)
- X 荧光镀层厚度测量条件选择及方法研究 ..... 王强兵 郭继平 (7)
- 一种测量超长导轨直线度的方法 ..... 孙友群 孙云霞 张惠敏 (10)
- FSMR 测量接收机测量信号发生器各参数的不确定度分析与评定  
..... 李 凡 (12)
- 钨酸铵灼烧重量法测定钨精矿中三氧化钨的不确定度评定  
..... 黄国英 刘徽平 (16)
- 水准仪水平视准线误差( $i$ 角)测量不确定度分析  
..... 吴彦红 吴同敬 郎云霞 (18)
- 内插法测试电冰箱耗电量不确定度分析 ..... 陈 刚 (20)
- 金属材料常温冲击吸收功的测量不确定度评定 ..... 张辽生 王 隆 (22)
- 数字存储示波器幅度测量相对误差测量不确定度评定  
..... 李 艳 (24)
- 标准田径跑道 400 米周长测量不确定度的评定 ..... 张建军 (26)
- 临界值符合性判定方法探讨 ..... 张丰海 周晓波 (28)
- 分布式计量校准服务网络的建立及应用  
..... 邵鹏飞 胡 畅 李元沉 郭琳琪 (31)

## 实验室管理

- 对 CNAS-CL31:2011《内部校准要求》的解读 ..... 金爱咏 (35)
- 浅谈实验室检测结果的质量保证 ..... 王 睿 (37)
- Word 文档复杂页码设置在资质认定现场评审文书中的应用  
..... 黄永红 (39)
- 资质认定实验室如何正确理解“客户满意” ..... 唐露苗 姜 斌 王宝玲 (41)
- 浅谈提高实验室管理体系内部审核有效性的方法与途径  
..... 王红云 (43)
- 企业集团内实验室质量管理方法的实践与探讨 ..... 康恩兴 丁自安 (47)
- 浅谈我国化学品的管理 ..... 张 平 (49)
- 汽车行业供应商实验室认可关键技术研究(中)  
..... 陈科 段 敏 李方生 赵 清 (52)
- LIMS 实施技术报告 ..... 王 伟 (55)
- 文件审批流程分析及在计量技术机构管理网络中的应用  
..... 杜正峰 苗红卫 邹炳蔚 (59)
- 6 $\sigma$  质量管理方法在地质实验室质量控制中的初步应用 ..... 王 焯 (61)
- 浅谈计量技术机构样品流转的规范化运作  
..... 高春昱 李斌之 林 红 尹 玺 蔚 娜 (63)

## 现代测量与实验室管理

XIANDAI CELIANG YU SHIYANSHI GUANLI

(双月刊)

1993 年 7 月创刊

2011 年第 19 卷第 2 期

2011 年 3 月 26 日出版

主管: 国家质量监督检验检疫总局

主办: 中国计量科学研究院

中国合格评定国家认可中心

编委会主任: 张玉宽 肖建华

编委会副主任: 于亚东 段宇宁

宋桂兰 樊恩健

编 委: 于 靖 王 池

叶孝佑 宋淑英

李天初 陆祖良

张 跃 杨元弟

赵大宁 滕俊恒

高小珣 杨志华

李红梅 吴 晶

曹 实 何兆伟

李荷芳 袁松宏

主 编: 乔 东

编辑/出版: 《现代测量与实验室管理》编辑部

刊号: CN 11-4827/T

ISSN 1673-8764

地址: 北京市北三环东路 18 号

邮编: 100013

广告证号: 京朝工商广字第 0111 号

订阅: 全国各地邮局/本刊发行部

邮发代号: 82-615

电话: 010-64281533 65993901

传真: 010-64281533 65994585

电子信箱: xdjl@nim.ac.cn

发行: 北京市报刊发行局

印刷: 中国人民解放军第 4210 工厂

定价: 12.00 元

## Advanced Measurement and Laboratory Management

Bimonthly

Established in Jul. 1993

2011. Vol. 19, No. 2

Issued Mar. 26, 2011

### Sponsor :

National Institute of Metrology  
China

### Assistor :

China National Accreditation Institute for Conformity Assessment

### Chairman :

ZHANG Yukuan XIAO Jianhua

### Vice-Chairman :

YU Yadong  
DUAN Yuning  
SONG Guilian  
FAN Enjian

### Chief Editor :

QIAO Dong

Edited/Published by Editorial Board of  
《Advanced Measurement and Laboratory Management》

Periodical No. : CN 11—4827/T

ISSN 1673 - 8764

Address: No. 18, Bei San Huan Dong Lu,  
Chaoyang District, Beijing

P. O. Code: 100013

Advertising Permission No. : Jingchao  
Gongshang Guang No. 0111

Subscribe to China Post Office/Distribution  
Section of 《Advanced Measurement and Laboratory Management》

P. O. Issue No. : 82 - 615

Tel. : 010 - 64281533 or 65993901

Fax. : 010 - 64281533 or 65994585

E - mail : xdlj@nim. ac. cn

Domestic Distributor: Beijing Issue Bureau of  
Newspapers and Periodicals

Printed by The No. 4210 Factory of Chinese  
P. L. A.

Unit Price: 12.00 ¥

## ●General Introduction and Comments

- Price Computing Scale Software Automatic Testing System  
..... CUI Wei - qun (3)
- x Fluorescence Coating Thickness Measurement Conditions and Methods of Selection  
..... WANG Qiang - bing, GUO Ji - ping (7)
- Measuring Straightness of a Long Way  
..... SUN You - qun, SUN Yun - xia, ZHANG Hui - min (10)
- The Analysis and Evaluation of Uncertainty for the Parameter of the Signal Generator  
Measured by FSMR Measuring Receiver ..... LI Fan (12)
- Evaluation of the Uncertainty of Measurement in the Determination of Tungsten Oxide  
Content in Tungsten Concentrate by Ammonium Tungstate Ignition Gravimetric  
Method ..... HUANG Guo - ying, LIU Hui - ping (16)
- The Uncertainty Analysis about the Level of the Inspect (i angle) of the Level  
Instrument ..... WU Yan - hong, WU Tong - jing, LANG Yun - xia (18)
- Uncertainty of Energy Consumption Test for Refrigerator by Interpolation Method  
..... CHEN Gang (20)
- Metallic Materials at Room Temperature Impact Energy of the Measurement Uncertainty  
..... ZHANG Liao - sheng, WANG Chui (22)
- Evaluation of The Related Measurement Uncertainty of Digital Storage Oscilloscope's  
Amplitude Measurement ..... LI Yan (24)
- Measurement Uncertainty Evaluation of 400m Standard Track Perimeter  
..... ZHANG Jian - jun (26)
- Threshold Method of Determining Compliance  
..... ZHANG Feng - hai, ZHOU Xiao - bo (28)
- Distributed Measurement and Calibration Services, Network Development and Application of  
..... SHAO Peng - fei, HU Chang, LI Yuan - chen, GUO Lin - ying (31)

## ●Laboratory Management

- Decipherment of CNAS - CL31 : 2011 Requirements for In - house Calibration  
..... JIN Ai - yong (35)
- The Discussion on Quality Assurance of Laboratory Testing Results  
..... WANG Rui (37)
- The Application of Complex Page Number design of Word in Spot Appraisal document  
for Qualification Verification ..... HUANG Yong - hong (39)
- Qualification Granted Laboratories' Correct Comprehension of "Customer Satisfaction"  
..... TANG Lu - miao, JIANG Bin, WANG Bao - ling (41)
- Simple Discussion on Improve of Laboratory Management System Internal Audit  
Effectiveness Ways and Methods ..... Wang Hong - yun (43)
- The Practice and Research of Laboratory Quality Management within an Enterprise  
..... KANG En - xing, DING Zi - an (47)
- The Management of Chemicals in China ..... ZHANG Ping (49)
- The Research on Key Technology of Supplier Laboratory Accreditation in Automotive  
Industry (part 2). ..... CHEN Ke, DUAN Min, LI Fang - sheng, ZHAO Qing (52)
- Technical Reports of Laboratory LIMS Implementation ..... WANG Wei (55)
- Document Approval Process Analysis and Measurement Techniques in the Management  
of the Network of Institutions  
..... DU Zheng - feng, MIAO Hong - wei, ZOU Bing - wei (59)
- Initial Application on  $6\sigma$  Quality Management Method in the Quality Control of  
Geological Laboratory ..... WANG Ye (61)
- On Standardized Operation of Sample Transport in Institute of Metrology  
..... GAO Chun - yu, LI Bin - zhi, LIN Hong, YIN Xi, WEI Na (63)