

# 电器

## 2013年 中国家用电器技术大会



# 论文集

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## 提升论文水平，加深行业技术交流

秋意正浓，每年一届的中国家用电器技术大会如期而至，本届技术大会的论文收集、评审、编辑和出版工作也按时完成。在此，我谨代表中国家用电器协会向论文集的所有作者致敬！向论文集的评审专家表示诚挚的感谢！

对于每届技术大会，我们都充满期待，大家带给我们的总是超出预期的惊喜。今年更是如此，单从论文集来说，论文投稿数量超过 200 篇，成为历届之最！

这个数量告诉我们，我们行业拥有一批有目标、有素质、有能力，且扎扎实实深入技术研究的工程技术人员，有更多的工程技术人员在成长并加入到行业技术交流之中。这个数量还告诉我们，今天，家电产业的技术进步还在提速，我们的产业转型升级有技术进步做强有力的支撑。

然而，在论文数量增加的同时，对论文质量的把控成为本期论文集的突出话题。有朋友提议，今年的论文数量比较多，有条件严把质量关，加大论文集的淘汰比例，提高论文集的水平。确实，提高论文集的水平是我们的目标和追求。

在 200 多篇论文中，经过专家评审，共评出 30 篇优秀论文，约占论文总数的 15%。优秀论文来自家电各产品领域的 25 个企业或大学，在研究内容、深度、论文写作水平上都较好地代表了行业水平。其中，有些论文同时得到多个评审专家的好评。如《超薄型洗干一体机的冷凝器研究》、《滚筒洗衣机的洗涤剂特性要求》、《用于冰箱压缩机管路减振的动力吸振器设计》、《回风加湿风冷冰箱果蔬室湿度特性研究》、《变频压缩机启动问题分析与研究》、《新型压缩 / 喷射复合制冷系统理论分析研究》、《家用变频空调器室内机异常音的研究和消除》、《基于傅里叶变换的空调压缩机转速波动抑制方法》、《抗菌除菌家电的生物安全性探讨》、《一种带有新型

翅片的微通道换热器的性能研究》、《采用不同工质时不同类型吸气消声器的性能对比研究》、《铜铝管钎焊接头耐腐蚀性研究》等，可推为范本。

事实上，大部分作者的选题、研发能力和论文水平都是上乘的，这些作者确实是行业的技术精英，从他们的论文中可以看到扎实的研究功底和训练有素的论文写作功底。超过 60% 的论文得到了专家的认可，15% 的优秀论文比例是好中选优的结果。

另外，还有一部分论文，在格式规范性、文字、中英文摘要、图表或文章段落层次等方面多多少少存在一些缺陷。论文集评审专家对于这些论文给出了明确的修改意见，作者也进行了认真的修改。其实，这个过程本身对作者就是一个帮助学习的过程。毕竟，论文是研究成果的载体，写好论文不仅是对研发工作的总结，也是研究工作重要的分析整理过程。

令我们比较纠结的是，有些论文确实出自基层工程师的研发实践活动，选题或研究内容也有较好的参考和交流价值，但存在着论述或验证不充分、表述欠缺逻辑性等问题，评审专家给出的意见也比较尖锐。这些论文在可选与淘汰边缘。如果从提高论文集水平的需要，应该被淘汰。然而，从出版这本论文集的目的，即促进行业技术交流的角度出发，从帮助工程技术人员提高研发能力和论文水平的角度出发，对于那些有交流价值的论文，我们选择了给作者修改机会的做法。那些能够严格按照专家意见修改的论文，得以保留在论文集中。这部分作者值得我们尊敬，他们把修改论文当成一次学习机会，虚心接受专家提出的意见和建议。可以想见，当他们开始新的课题研究、动笔新的论文时，一定会有新的起点。

最终, 论文集入选论文 176 篇, 淘汰比例约 10%。淘汰的论文存在以下几种问题: 第一, 文中缺少实质性内容, 多是一般性叙述或原理性、常识性的介绍, 内容过于浅显, 缺乏技术含量; 第二, 表达不清, 使用过多非规范性术语, 写作严重偏离科技论文规范与要求; 第三, 文章有太多无关内容、广告内容和过度评论; 第四, 内容违反基本原理, 结论草率。这些论文不是修改就能够解决问题的, 所以只能非常遗憾的被淘汰。当然, 也要感谢这些作者的积极参与, 希望今后这些作者的专业素养和论文写作水平能够得到提升。

论文的质量取决于论文的技术内容和论文写作的水平, 其中, 我们更看重论文的技术内容和交流价值。这是本论文集面向行业开展技术交流属性的选择。而论文写作水平的提高, 可以让研发人员对研究成果进行更有效的分析、归纳和整理, 这对作者自身能力的提高很有裨益。从行业角度来说, 论文写作水平的提高, 还可以增加技术交流的深度, 这也是每年评选优秀论文的目的之一。

感谢解国珍、李红旗、陈江平、何国庚、吴建华、鲁建国、祁冰、胡晓红等专家对论文专业、细致的评审和为作者给出的指导意见。这些专家的工作对于论文集水平的提高, 对于家电行业技术交流水平的提高至关重要!

我们相信, 论文集水平的提高, 不仅要靠淘汰不合格的文章, 更要靠提升行业的研发水平以及提升研发人员的研究能力和写作水平。一些长期在一线埋头苦干的工程师, 做了大量的研究实践, 积累了丰富的经验和研究数据。希望今后更多的一线工程师用高质量的论文参与到行业交流中。我们追求论文集整体水平, 更希望我们这种技术交流活动有助于提高技术人员的研发能力和写作水平。

中国家用电器协会副理事长



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# 电器 CHINA APPLANCE

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