

共享前沿技术 引领行业可持续发展 ——2017国际造纸技术报告会在深圳胜利召开

**2017 International Paper Technical Conference
Was Held Successfully in Shenzhen**



2017年9月14日，2017国际造纸技术报告会在深圳会展中心隆重召开，来自科研院所、大专院校、制浆造纸厂近200名代表参加了国际造纸技术报告会。

上午的技术报告会由中国造纸学会秘书长、中国制浆造纸研究院院长曹春昱主持。华南理工大学陈克复院士团队的徐峻博士做了题为“造纸行业水污染全过程控制技术”的报告，徐峻博士针对中国造纸行业生产过程的水污染控制，详细讲解了化学法制浆、化学机械法制浆及废纸制浆水污染全过程控制技术集成及产业化示范。来自芬兰VTT技术研究中心的Elina Paakkonen研究员以“泡沫成形技术为造纸业开辟新的可能性”为题，介绍了一种有别于传统成形工艺的泡沫成形技术，从纸张性能方面分析了泡沫成形的优点，并分享了泡沫成形技术在一些生产线上的中试情况。维美德公司工业互联网部门总监Jari Almi做了题为“工业互联网改善工厂的可靠性和运行性”的报告，他指出工业互联网是撬动数据驱动的新机遇，并表示新的数据驱动解决方案将推动造纸产业的发展。

下午的技术报告会由中国造纸学会副理事长、广东省造纸学会理事长、华南理工大学何北海教授主持。加拿大新


2017 International Paper Technical Conference was held in Shenzhen Convention & Exhibition Center on September 14th, 2017. Nearly 200 professionals from research institutes, colleges & universities, pulping and papermaking mills attended the conference.

The morning section of the conference was hosted by Mr. Cao Chunyu, secretary-general of China Technical Association of Paper Industry and president of China National Pulp and Paper Research Institute. Dr. Xu Jun, on behalf of the Research Team of Academician Chen Kefu, South China University of Technology, delivered a presentation entitled "Whole Process Control Technology of Water Pollution in Paper Industry", introduced the technology integration and industrialization demonstration of water pollution whole process control in chemical pulping, chemimechanical pulping and wastepaper pulping in detail, aiming to control water pollution in production process of China's paper industry. Mrs. Elina Paakkonen, a research scientist in VTT Technical Research Centre of Finland Ltd., presented a paper of "Foam forming Technology Enables New Possibilities for Paper Industry". She introduced a new foam forming process, which is different from the traditional paper forming process, analyzed the main benefits of foam forming for paper properties, and shared some experiences of its up-scaling from lab to pilot trial. Mr. Jari Almi, director, Industrial Internet, Automation in Valmet, gave a report entitled "Industrial Internet Improves the Reliability and Operation of the Plant", he pointed out that, industrial internet leveraged new data-driven opportunities, and the new data-driven solutions would drive paper industry forward.

布伦瑞克大学倪永浩教授做了题为“纤维素纤维材料用于商品纸浆的打包”的演讲，提出用纤维素纤维打包材料替代传统钢丝打包系统是解决钢丝问题的一个办法，是一种国际趋势，并详细介绍了具有更高强度和更佳使用性能的新一代高强度浆板打包纸带。芬欧汇川（中国）有限公司亚洲研发中心张洪敏研究员以“UPM 的 BioFore：理念与实践”为题，从生物精炼、生物能源、胶合板及生物复合材料等方面详细介绍了芬欧汇川公司“绿尽其能，森领未来”的理念与实践。瑞典生物纤维技术有限公司董事长张怡京博士做了题为“创新开拓浆纸工业的新产品价值链”的报告，分析了成熟市场浆纸行业目前所面临的挑战和机遇，介绍了木材作为驱动环保经济可再生资源的技术创新平台及基于木纤维的生物复合材料，并分享了潜在的浆纸工业新产品价值链。迪蔼姆芬兰有限公司执行副总裁 Pirita Mikkonen 以“制浆造纸过程废气排放控制与处理技术”的报告，分析了制浆造纸工艺中废气的主要来源以及相关的控制与处理技术，并指出废气排放控制必须首先从源头进行控制。

在上午、下午的演讲结束后，与会代表还分别与演讲嘉宾就其感兴趣的话题进行了积极的互动和讨论。

最后，何北海教授代表主办方做了总结发言。何北海教授表示，此次技术报告会的演讲嘉宾从可持续发展的关键问题和技术创新两个方面做了精彩演讲，与参会代表分享了他们各自研究领域的研究成果，是一次成功的会议。

此次会议必将对科技工作者尤其是青年科技工作者有所启发，使其携手共进，共促造纸行业的可持续发展！

The afternoon section of the conference was hosted by Mr. He Beihai, vice chairman of China Technical Association of Paper Industry, president of Guangdong Technical Association of Paper Industry, professor of South China University of Technology. The first speaker was Mr. Ni Honghao, professor from Department of Chemical Engineering, Canada Research Chair in Pulp and Paper Science and Engineering University of New Brunswick, his presentation was "Cellulose Fiber-Based Materials for Market Pulp Baling". His group has developed cellulose fiber-based materials to replace the conventional steel wire strapping for market pulp baling, he also introduced a new generation of paper straps with higher strength and better properties in detail. Ms. Zhang Hongmin, senior researcher of UPM Asia Research and Development Center, gave a presentation on the topic of "UPM BioFore: Concept and Practice", shared the concept and practice of BioFore from biorefining, bioenergy, biopolymer and biocomposites in UPM. Dr. Eric Zhang, managing director of Biofiber Tech Sweden AB, delivered a speech entitled "Creating New Industries Value Chain by Innovation in Pulp & Paper Industry". He analyzed the challenges & opportunities faced by the industry, presented the technology innovation platform with wood as a renewable resource of bio-driven economy, to develop woodfiber-based biocomposites, he also shared the potential new products value chain of paper industry. Ms. Pirita Mikkonen, executive vice president of TM System Finland Oy, analyzed the main sources, controlling and treatment technologies of exhaust gas during pulping and papermaking processes in her presentation titled "Emission to Air at Paper Mill and How to Control It". She also emphasized that, the best way to control emissions was to avoid them at the very beginning.

In panel discussion of the conference, attendees and speakers ardently discussed the topics they were interested in.

At the end, Mr. He Beihai made a concluding remark representing the organizers. He said, the speakers gave excellent speeches on key issues of sustainable development and technical innovation, and shared their findings and research results with us. The conference was successful.

This conference would certainly enlighten the scientific and technological workers, especially the young's, so as to promote the sustainable development of papermaking industry.