

WOCA KEYNOTE SPEECH



SPEAKER:

Carmen Maria Batista Ruiz
Cementir Holding S.p.A.
White Cement Applications Specialist
R&D, Quality and Technical Sales Support
白水泥应用专家
研发、质量和技术销售支持

Carmen Batista is the White Cement Application Specialist of Cementir Group. Carmen has a Bachelor in Chemical Engineer and started working in R&D of cementitious materials in the year of 2012.

During her entire career she has been into finding new applications for cement and concrete, starting with the development of slurries of oil well cement for high pressure and high temperature conditions and more recently leading technical projects meant to improving properties of novel concrete materials as Ultra High Performance Concrete and Glassfibre Reinforced Concrete. At her current position, she works closely to the Commercial Development Department of the Cementir Group, as the technical part of the InWhite strategy, with the main goal of developing innovative solutions for well-known applications, or completely new applications for white cement based products.

Carmen Batista 是萨门特集团的白水泥应用专家。Carmen拥有化学工程师学士学位,并于2012年开始从事胶凝材料的研发工作。在她的整个职业生涯中,她一直在寻找水泥和混凝土的新应用,首先是在高压和高温条件下开发油井水泥浆,以及最近领先的技术项目。提高超高性能混凝土(UHPC)和玻璃纤维增强混凝土(GRC)等新型混凝土材料的性能。目前,她与萨门特集团商业发展部密切合作,作为InWhite战略的技术部分,主要目标是当下前沿应用或全新应用领域开发白水泥下游应用产品的创新解决方案。

Keynote Speech:

The presentation will start with the history of Ultra High Performance Concrete (UHPC), from its creation at the Research and Development Center of Aalborg Portland, back in the 70s, to its later developments at the present time. Also, it will describe the main mechanical and durability properties that give the material its “high performance” in comparison with traditional concrete, including the importance of the use white cement into the formulations for obtaining a high quality UHPC. Finally, it will introduce Cementir’s latest development in HPC materials: Aalborg Extreme Light120, which is part of a new generation of HPC using Aalborg Portland’s patented technology.



of



本次演讲将从超高性能混凝土(UHPC)的历史开始,从70年代在阿尔博波特兰研发中心的发明,到近期的后续研发。此外,还将介绍UHPC主要力学性能和耐久性,将普通混凝土与高性能混凝土做比较分析,包括使用白水泥作为配方来获得高质量UHPC的重要性。嘉宾将在最后介绍萨门特集团在HPC预拌材料的最新研发:Aalborg Extreme Light 120新品,新一代HPC中使用了阿尔博波特兰的一项最新专利技术。



SPEAKER

Edmund Yap

Managing Director of Pioneer Process Sdn Bhd (Malaysia)

马来西亚 Pioneer 工艺有限公司的董事总经理

Mr. Edmund Yap 是马来西亚 Pioneer 工艺有限公司的董事总经理 (马来西亚)。材料工程的背景, 他有超过 35 年的建筑行业经验, 并熟悉各类水泥基装饰墙材和地材。他将建筑美学理念与水泥基产品相结合, 凭借他多年经验和无数的研发试验, 开发了众多的水泥制品, 为建筑行业带来了高美学价值的的建材产品。如今, 该公司在定制高美学价值的水泥基表面处理材料上也享有盛誉, 而阿尔博白水泥成为众多特色项目中不可或缺的主要粘结材料。

Mr. Edmund Yap is the Managing Director of Pioneer Process Sdn Bhd (Malaysia). Having a background in Materials Engineering, he has over 35 years of experience in the building industry and is well knowledgeable in various cementitious wall & floor finishings. Through his strong passion in aesthetic cement combined with his vast experience and countless research and development activities, he has developed a wide range of aesthetic cement products of high architectural value over the years. Today, the company is also renowned in formulating custom made aesthetic cement surface finishing materials using White Cement as the main binder for exclusive project requirements.

KEYNOTE SPEECH:

An introduction to what Glass Fiber Reinforced Stone (GFRS) technology is and its features. A new generation of stone finishing product that incorporates innovative manufacturing techniques based on Aalborg White cement which goes beyond the conventional Glass Fiber Reinforced Cement (GFRS) technology. The talk will also showcase the unlimited possibilities of various GFRS applications, its manufacturing process and the available surface finishings.

嘉宾将主要介绍其开发的玻璃纤维增强石 (GFRS) 技术及和材料特点, 为新一代仿石材表面的精加工产品,以阿尔博白水泥为原料的创新制造技术,超越传统的玻璃纤维增强混凝土(GFRS) 技术。同时还将展示各种 GFRS 的无限可能性应用、制造工艺和可用表面精加工。

