SEPTEMBER 16 - 17, 2026 | SHANGHAI, CHINA

SURCAR

ASIA

CALL-FOR-SPEAKER

www.surcar-asia.com

SURCAR ASIA 2026 – CALL FOR SPEAKERS

16 – 17 September 2026 | Shanghai, China

ABOUT SURCAR

Since 1964, SURCAR has been the world's leading technical community for Car Body Finishing and Paintshops Innovation. It connects Automotive OEMs, Tier 1s, suppliers, engineers, and researchers who shape the future of Automotive Coatings, Sustainability, and Manufacturing excellence.

From Cannes (France) to Shanghai (China) to Detroit (MI, US), SURCAR events unite global and regional experts to exchange real-world solutions — combining technical insight, operational know-how, and strategic foresight.

The Asian Edition, launched in 2014, now celebrates its 8th congress in 2026, reaffirming Asia's role as the Z epicenter of intelligent and sustainable automotive manufacturing.

WHY JOIN THE SPEAKER LINEUP

- Position your company as a thought leader in intelligent, sustainable paint shop transformation.
- Showcase measurable impact — data, results, or pilot case studies that inspire peers and customers.
- Engage directly with OEMs and Tier 1 decision-makers across China, Japan, Korea, Thailand, India, Europe and US.
- Strengthen your brand visibility through pre- and post-event promotion in the SURCAR Community (LinkedIn, newsletters, and On-demand replay sessions).
- Join a legacy of excellence: over 60 years of connecting the most innovative professionals in Car Body finishing worldwide.

HOW SURCAR SELECTS ITS SPEAKERS

- **The Judges**: Technical proposals are reviewed by the SURCAR Committee Members, composed of executives from leading Automotive OEMs and suppliers.
- **The Criteria's:**
  - Relevance to Theme & Subthemes — Abstract must align with the main theme and at least
  - one subtheme.
  - Follow-up sessions from presentations at previous SURCAR events (US, EUROPE or ASIA)
  - Originality & innovation value: content not repeatedly shared at other events.
  - Practical applicability and global transferability: real industrial experience sharing
  - Case studies between Automotive OEMs and their suppliers are strongly encouraged.

WHO SHOULD SUBMIT

- Automotive OEMs and Tier 1s
- Suppliers: Chemical and Material Innovators, Robotics, Equipment, Automation, Process, Engineering & Integration; Turn-Key solutions, Paintshop Design & Optimization, Digital Solution Providers – AI, Data Analytics, Digital Twins
- Sustainability & Circularity solutions providers
- Research Institutions & Universities

BEFORE YOU SUBMIT

By submitting a paper, you agree to:

- Register for the conference: the Speaker Rate of **EUR 1045 applies** – 45% discount of standard rate).
- Present in person during any session assigned by the committee, between September 16–17, 2026.

HOW TO SUBMIT:

Complete the submission form and send it by email no later than Friday, January 30th, 2026, to bin.wu@infopro-digital.com

2026 – TECHNICAL THEMES & CORE TOPICS
技术主题与演讲建议方向

1. Intelligent Paintshops & AI-Enabled Manufacturing
智能涂装车间与人工智能赋能制造

Next-generation paintshops are evolving into fully data-driven systems where AI, robotics, and digital twins orchestrate predictive control, stable quality, and resource-optimized production. These capabilities are setting the global benchmark for finishing performance.
新一代涂装车间正加速向数据驱动系统演进，通过人工智能、机器人和数字孪生，实现预测性控制、稳定质量和资源优化，正在定义全球涂装制造的新标杆。

2026 Discussion Focus 深度讨论方向：

Closed-loop coating control, robotic spray intelligence, predictive condition monitoring, data governance, and system-level energy optimization in integrated finishing operations.
闭环涂层控制、喷涂机器人智能化、预测性状态监控、数据治理，以及涂装产线的系统级能源优化。

Suggested Topics 建议主题:

- AI-driven booth/oven control, defect-prevention models, digital twins for process stability
  基于 AI 的喷房与烘房控制、缺陷预防模型与数字孪生工艺稳定性应用
- Intelligent scheduling optimization for high-mix/low-volume or batch production
  面向多品种/小批量或批次生产的智能排程优化
- Adaptive robotic systems for multi-gun spraying, repair, sanding/polishing, skid cleaning and blow-off
  面向多喷枪路径、补漆、打磨抛光、滑撬清洁与吹干的自适应机器人技术
- AI-assisted energy management, takt-time balancing, and WIP reduction across paintshops
  AI 辅助的能源管理、节拍平衡与在制品减少策略
- Architecture for high-integrity industrial data in finishing operations
  涂装工厂的高完整性数据架构设计

2. Multi-Material Surface Technologies & Next-Gen Coatings
多材料表面技术与新一代涂层体系

Electrification and lightweighting introduce complex multi-material vehicle bodies—aluminum, magnesium, UHSS, composites—requiring new pretreatment chemistries, interface engineering, and curing compatibility. The goal: long-term durability and consistent appearance across mixed substrates.
电动化与轻量化使车身材料更加多样，包括铝、镁、高强钢与复合材料，对前处理化学、界面工程及固化兼容性提出更高要求。核心在于确保混合基材的耐久性与一致外观。

2026 Discussion Focus 深度讨论方向：

Hybrid-material pretreatment, corrosion-interface control, conductive and functional EV coatings, recyclable/solvent-free coating systems meeting modern OEM performance demands.
混合材料前处理、腐蚀界面管理、电动车功能性涂层、可回收/无溶剂满足 OEM 性能要求的涂层体系。

Suggested Topics 建议主题：

- Conductive & EMI-shielding coatings for EV architectures and sensor-rich systems
  电动车和传感系统的导电/电磁屏蔽涂层
- Waterborne, bio-based and solvent-free next-gen materials (e.g., WB basecoat + new 1K CC replacing 2K CC) 水性、生物基、无溶剂的新一代涂料体系（如：水性色漆 + 新型 1K 清漆替代 2K 清漆）
- Advanced pigment/flake structures for premium appearance, texture, flop and light-effect control
  高级颜料结构，用于外观、纹理及光效控制
- Pretreatment innovation for dissimilar metals and composite interfaces
  异质金属/复材界面的一体化前处理方案
- Coatings enabling lightweight substrates without sacrificing stone-chip or corrosion performance
  在轻量化基材上实现不降低耐碎石与耐腐性能的涂层体系

3. Net-Zero Paintshop Strategies & Circular Paint Manufacturing

净零涂装车间战略与循环涂料制造

Paintshops remain the dominant source of plant energy consumption and VOC emissions. Breakthroughs in low-enthalpy curing, solvent/water circulation, and renewable-heat integration are central to achieving net-zero car-body finishing.
涂装车间是整车厂能耗及 VOC 排放的核心来源。低温固化、溶剂/水循环与可再生能源利用等技术突破，是车身涂装迈向净零的关键。

2026 深度讨论方向：

Thermal-energy efficiency, low-temperature chemistries, renewable heat & power, closed-loop solvent/water systems, LCA-based carbon tracking and carbon-intelligent operations.
热能效率提升、低温化学体系、可再生热/电力、溶剂与水的闭环回用、基于 LCA 的碳足迹追踪与碳智慧运营。

Suggested Topics 建议主题：

- Net-zero and circular manufacturing as dual levers for cost and carbon reduction
  近零碳与循环制造如何同时驱动成本下降与碳排降低
- Technical and organizational barriers slowing adoption of low-baked processes and how to overcome them 限制低温固化推广的技术与组织因素及解决路径
- OEM–supplier co-innovation models for circular paint manufacturing 主机厂与涂料供应商在循环制造中的协同创新模式
- KPIs for net-zero readiness and low-VOC compliance in paint operations 涂装车间近零排放与低 VOC 的关键量化指标
- High-efficiency air management, heat-storage and smart HVAC for paint booths
  喷房高效气流组织与蓄热/智能 HVAC 技术
- Ultra-low-temperature curing and next-generation coat chemistries
  超低温固化与新型涂料化学体系

4. Digital Quality, Data Transparency & Global Standards

数字化质量、数据透明与全球标准化

Automated vision analytics and end-to-end data pipelines now create objective, traceable and comparable quality systems across plants. Interoperable metrics and standardized KPIs are essential to harmonize global paintshop performance.

自动化视觉分析与端到端数据链使质量控制更客观、可追溯、可比。跨工厂的指标互通与 KPI 标准化，是全球涂装质量一致性的基础。

2026 Discussion Focus 深度讨论方向：

AI vision, defect analytics, open data architecture, multi-plant KPI alignment, ESG & carbon integration, and regional harmonization of appearance standards.

AI 视觉、缺陷分析、开放数据架构、多工厂 KPI 统一、ESG/碳核算集成、区域性表面质量标准协同。

Suggested Topics 建议主题：

- AI-vision inspection and automated defect classification AI 视觉检测与缺陷自动分类
- End-to-end traceability and vertical data integration across equipment, MES and cloud
  设备–MES–云的端到端数据追溯与纵向集成
- Digital quality platforms enabling alignment across multinational plants
  支持跨工厂协同的数字质量管理平台
- Process–Quality correlation models and real-time KPI benchmarking
  工艺-质量关联模型与实时 KPI 对标
- Moving beyond inspection: linking defect patterns to upstream parameters for actionable improvement
  质量检测的下一步：将缺陷模式与上游喷涂/工艺参数关联，实现可执行的质量提升策略

5. Collaborative Innovation & Market Integration in Asia - Toward Smart Manufacturing and Quality Standardization

亚洲协同创新与市场融合：迈向智能制造与质量标准化

Asia leads global finishing volumes but remains highly diverse in digital maturity, process capability and quality standards. Regional alignment and cross-OEM collaboration are essential to accelerate smart-manufacturing adoption.

亚洲是全球最大涂装市场，但在数字化成熟度、工艺能力和质量标准方面差异显著。区域对标与跨 OEM 协作是加速智能制造落地的关键。

2026 Discussion Focus 深度讨论方向：

OEM–supplier co-development, regional standardization of data/processes, AI readiness benchmarking, workforce capability building, and unified sustainability/quality frameworks.

主机厂–供应商协同开发、区域数据/工艺标准化、AI 就绪度评估、人才技能提升、统一的可持续与质量框架。

Suggested Topics 建议主题：

- Cross-regional OEM–supplier digital/AI pilot projects in paint applications
  跨区域主机厂-供应商的涂装 AI 与数字化试点项目

- Benchmarking Smart-Paintshop maturity across Asian plants
  亚洲工厂智能涂装车间成熟度对标
- Harmonized equipment, data and interface standards for Asian paintshops
  面向亚洲涂装车间的设备、数据与接口统一标准
- Supplier capability upgrading for high-automation paintshops
  面向高自动化涂装车间的供应商能力提升
- Building a region-wide talent and competency framework for future paintshop operations
  面向未来涂装运营的区域人才技能体系

2026 SPEAKER SUBMISSION FORM

Submission Deadline Friday, January 30th, 2026, to bin.wu@infopro-digital.com

----- All fields are mandatory -----

- Company / Institution:
- Submission Contact Information:
- Full Name
- Job Title / Role
- Company / Institution
- Division / Department (if applicable)
- Corporate Email
- Phone (direct line or mobile)
- Country

Proposed Technical Session

Select the theme(s) most relevant to your work. The Committee will guide final placement to ensure maximum impact.

☐ Intelligent Paintshops & AI-Enabled Manufacturing 智能涂装车间与人工智能赋能制造

☐ Net-Zero Paintshop Strategies & Circular Paint Manufacturing 净零涂装车间战略与循环式涂料制造

☐ Multi-Material Surface Technologies and Next-Gen Coatings 多材料表面技术与新一代涂层

☐ Digital Quality, Data Transparency and Global Standards 数字化质量、数据透明化与全球标准

☐ Collaborative Innovation and Market Integration in Asia - Toward Smart Manufacturing and Quality Standardization 亚洲协同创新与市场融合– – 迈向智能制造与质量标准化

Proposed Speaker(s) (The individual(s) who will present if selected)

Speaker 1

- Full Name
- Job Title
- Company Name
- Mobile Phone
- Corporate Email
- Country

Speaker 2 (only for joint presentations from two different organizations)

- Full Name
- Job Title
- Company Name
- Mobile Phone
- Corporate Email
- Company Name
- Country

Has this work been presented before?

☐ No, it is first disclosure at SURCAR AISA 2026

☐ Yes, previously presented at: (Please specify event name, year, and audience profile.)

----- All fields are mandatory and must be completed in English -----

Proposed Presentation Title

Abstract

(In no more than 300 words, describe the essence of your paper. Highlight the challenge, your approach, and why it matters now.)

What Makes It Original or Differentiating?

(Explain how your work breaks new ground compared with established solutions. Why should industry leaders hear it on the SURCAR stage?)

Proven Achievements & Results

Please indicate: Proven results (if available): quality gains, defect reduction, energy savings, cycle-time improvements, cost efficiencies, VOC/CO_2 reduction, material savings, or performance improvements on new/multi-material coatings.

If data is not yet measurable, specify the main impact areas: Sustainability & Environmental Impact; Cost Reduction & Operational Efficiency; Coating Performance; Quality Transparency & Global Standards Alignment, or any other benefits you feel are important to our industry