

06-07
JUNE
2023
T O K Y O

DVN
Lighting

DVN TOKYO WORKSHOP

New Functions and Digital Technologies in Lighting

DVN東京ワークショップ

自動車ライティングの新機能とデジタル技術

- 27TH DVN WORKSHOP • RITZ-CARLTON, TOKYO -
- 第 27 回 DVN ワークショップ • リッツカールトン、東京 -

Software • Electronics • Optics • Design • Materials •
Simulation • Measurement Tools

ソフトウェア • エレクトロニクス • 光学 • デザイン • 材料 •
シミュレーション • 測定ツール



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The DVN Lighting Community's in Tokyo! The 27th DVN Lighting Workshop, at the luxurious Ritz-Carlton, Tokyo

DVNライティングコミュニティが東京に！ 第27回DVNライティングワークショップ、於 高級ホテル・リッツ・カールトン東京

DVN 27th Workshop will take place in-person at the prestigious Ritz Carlton.

The Theme of our 1½ day conference and exhibition: **New functions and Digital Technologies in Lighting** - Integrating Software, Electronics, Optics, Design, Materials, Simulation, Measurement Tools.

It will highlight how new technologies will contribute to increase safety in our world. The event will bring together more than 250 worldwide participants, managers, and experts, involved in lighting.

Keynotes are confirmed from Honda; Valeo; Osaka University, and DVN representatives.

Presentation lectures are confirmed from:

- Automakers Audi, Geely, Mitsubishi, Toyota, Volvo
- Lighting suppliers Koito, Mind, Stanley, Valeo-Ichikoh, Varroc, Xingyu
- Light source suppliers ams OSRAM, LG Innotek, Nichia, Lumileds, OLEDWorks
- Tier-2 suppliers involved in optics; electronics; materials; testing, and measurement SUSS MicroOptics, LMT-TechnoTeam, Synopsys Japan, Sunny Optech, Xingjuyu, Covestro
- Universities and research institutes to be named soon.

Regulation session is a widely popular aspect of DVN Workshops, and this edition will have regulators and standards-developers from the likes of GTB; SAE, and Japanese and Chinese regulatory agencies.

Panelists from Plastic Omnium, Valeo/Ichikoh, Koito, Covestro will discuss how the electrification of vehicles leads to vehicle frontal designs.

It's been five years since our last time in Tokyo in 2018, and we're busily working to carry on our proud tradition of making each and every DVN Workshop even better than the one before.

Discussion panels and exhibition booths will host fruitful exchanges between all attendees.

- **Network & Promote:** This Tokyo DVN workshop allows your company to network with Japanese and Asian players and promote your lighting products or service offer towards the Japanese and Asian market.
- The theme "**New functions and Digital Technologies in Lighting** - Software, Electronics, Optics, Design, Materials, Simulation, Measurement Tools" discussed during the Workshop Sessions by the best international experts will help you to orient your company strategic decisions concerning your product and service roadmaps.

第27回DVNワークショップは、一流のリッツ カールトンホテルにおいて会場開催されます

1 日半の会議と展示会のテーマ:

自動車ライティングの新機能とデジタル技術 - ソフトウェア、エレクトロニクス、光学、デザイン、材料、シミュレーション、測定ツール等の一体化

新しいテクノロジーが車の安全性の向上にどのように貢献するかを明らかにします

このイベントには、ライティングに携わる世界中の250人以上の参加者、マネージャー、専門家が一堂に会します

基調講演は、ホンダ、Valeo、大阪大学、およびDVNの代表者より行われることが確定しております

ご講演は以下の企業様よりご発表されます

- 自動車メーカー: Audi, 吉利, 三菱自動車, トヨタ, Volvo
- 照明サプライヤー: 小糸製作所, Mind, スタンレー電気, Valeo-Ichikoh, Varroc, Xingyu
- 光源サプライヤー: ams OSRAM, LG Innotek, 日亜化学, Lumileds, OLEDWorks
- Tier-2 サプライヤー (エレクトロニクス、材料、テストおよび測定等を含む): SUSS, LMT-TechnoTeam, Synopsys Japan, Sunny Optech, Xingjuyu, Covestro
- 大学および研究機関のお名前はまもなく発表されます

法規セッションはDVNワークショップでは多くの方々よりご好評を得ており、このエディションには法規制当局またGTB、SAE、および日本と中国の法規機関の方々よりご参加頂きます

パネルディスカッションでは、Plastic Omnium, Valeo/Ichikoh, 小糸製作所, Covestroからのパネリストが、車両の電動化がどのように車両のフロントデザインを導いていくかについて議論します

2018年東京ワークショップ開催から5年経ちましたが、私たちは全ての DVN ワークショップを前回よりもより良いものにするという誇り高い伝統を継続するよう鋭意努めてまいります

パネルディスカッションや展示ブースでは、すべての参加者間で大変有意義な交流を行うことができます

- ネットワークとプロモーション: このDVN東京ワークショップでは、日本およびアジアのプレーヤーとネットワークを構築し、日本およびアジア市場に向けて製品またはサービスの販売促進の場をもたらします
- テーマ「自動車ライティングの新機能とデジタル技術 - ソフトウェア、エレクトロニクス、光学、デザイン、材料、シミュレーション、測定ツール」は、ワークショップセッションで最高の国際的専門家によって議論され、貴社の製品とサービスに関するロードマップの戦略的な意思決定にお役立ちになります

**REGISTRATION ON DVN WEBSITE: www.drivingvisionnews.com
DVN Web サイトでの登録: www.drivingvisionnews.com**

ADMISSION FOR A 1½ -DAY WORKSHOP INCLUDING LUNCHES & 1 DINNER: €1,500

EARLY BIRD RATE (UNTIL MARCH 31ST): €1,200

- 1 free entry for DVN Gold Members
- 3 free entries for DVN Platinum Members

ランチとディナー1回を含む1½ 日間のワークショップの入場料:€1,500

早期予約料金 (3月31日まで): €1,200

- DVN ゴールド メンバー 1名様無料参加
- DVN プラチナ メンバー 3名様無料参加

AGENDA TUESDAY 6 JUNE

12:00 pm

Start to set up Exhibitions

2:30 pm

Registration

4:00 pm

Opening by Wolfgang Huhn

2 Keynotes

- Honda - Takeshi Tamada, Manager Chief Engineer
"Future prospect of vehicle lighting"
- Valeo CTO - Kazuyuki Miyashita
"Lighting transformation through Japanese market"

5:00 pm

SESSION 1: AUTOMAKER INNOVATIONS FOR NEW LIGHTING FUNCTIONS

Chairman: Wolfgang Huhn

- Toyota (tbd)
- Mitsubishi Motors - Tomohiro Watanabe, Chief Technology Engineer
"Mitsubishi Motors's Approach to the Lighting"

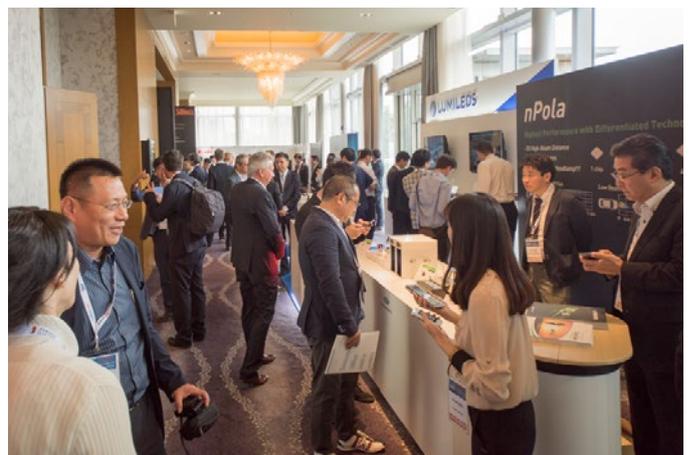
- Audi - Andre Hainzlmaier, Head Lighting Innovations
"Customer Centricity for Innovation in Software defined Lighting"
- Volvo Cars - Paul-Henri Matha, Technical leader Exterior lighting
"Digital lighting and new era for electrical architecture, need to talk"
- Geely - Jiakai XU Geely Automobile Research Institute (Ningbo) Senior technical expert/section leader of luminaire module development
"Photoelectric application in automotive lighting entertainment function"

Q/A session

7:00 pm COCKTAIL

8:30 pm

Dinner (karaoke after the dinner)



AGENDA WEDNESDAY 7 JUNE

8:30 am

Keynote 1 - Dr. Wolfgang Huhn, DVN Senior Advisor
"360° Lighting - New possibilities for safety and user experience"

Keynote 2 - Osaka University - Dr. Yoshio Manabe
"Application of Laser Lighting to Automobile Lighting"

9:10 am

SESSION 2: INNOVATIONS IN NEW LIGHTING FUNCTIONS

Chairman: Rainer Neumann

- Stanley – Hiroaki Okuma, Operating Officer
"What shall we do next with lighting?"
- Valeo/Ichikoh - Benoit Reiss, Advanced Development Deputy Director, and Shoichi Minokawa, Innovation Department General Manager
"Sustainable safety improvements & Lighting digitalization"
- Koito – Kenji Nobuhara, General Manager-Styling Design Department
"Lighting contribution to styling trends for the next generation Vehicle"
- Mind - Allen Zhu, Innovation Product Strategy Director
"Visionary Technologies bring new possibilities for headlight styling and user experiences"
- Varroc – Bogdan Cocian, Vice President
"SLED from draft to craft - passing from 2d to 3d, unlocking new design possibilities."
- Xingyu Japan - Hitoshi Nakagaki, General Manager
"Xingyu Digital Lighting"

Q/A session

11 am BREAK

11:30 am

SESSION 3: REGULATIONS

Chairman: Bart Terburg

- Bart Terburg
- Davide Puglisi
- Rainer Neumann
- One Chinese regulator (tbd)
- One Japanese regulator (tbd)

12:30 pm LUNCH

2 pm

SESSION 4: LIGHT SOURCES INNOVATIONS

Chairman: Eiichi Ono

- Nichia - Hiroaki Kuroda, Project leader
"Light digitalization with automotive solid state lighting"
- Lumileds - Norbert Lesch, Director Innovation Product Marketing

"Benefits of direct imaging solutions for ADB LED Matrix and High Resolution MicroLED Digital Beam"

- LG Innotek - JH Jung, Global Account Manager
"Nexlide – Integration multi-optical layer to achieve high efficiency, slimness and light weight"
- ams OSRAM - Christian Wittmann, Senior Director Japan
"Enabling mobility with new forward lighting light sources efficiently and in a sustainable way"
- ams OSRAM - Harald Kaps, Head of R&D Light sources for OEM
"Standardized LED Light Source - Solution over whole Life Cycle"
- OLEDWorks - Dr. Kathleen Vaeth (video)
"Adaptive OLED Lighting for Increased Safety and Personalization"

3:40 pm

Round Table chairman Wolfgang Huhn
"How does the electrification of vehicles lead to a change in vehicle front designs?"

With the participation of Plastic Omnium, Valeo/Ichikoh, Koito, Covestro

4:10 pm

SESSION 6: SKILLS TO HELP DEVELOPMENT OF NEW FUNCTIONS

Chairman: Shoichi Minokawa

- SUSS MicroOptics - Patrick Heissler, Chief Strategy Officer
'Combining Design, Functionality and User Experience with Micro Lens Array Based Solutions'
- LMT-TechnoTeam - Tanja Thiele, Application engineer light measurement & image processing
"Shaping the Future of Light Measurement Technology: Impact of Legislation and Standardization"
- Synopsys Japan - Tobias Schmid, PhD - Technical Product Mgmt., Sr. Staff
"Synopsys Optical Solutions for the Comprehensive Design and Analysis of Pixel Light Headlamps"
- Sunny Automotive Optech – Tani Gu, Deputy General Manager & GM of emerging Markets
"Imaging optics enable high-resolution smart automotive lighting"
- Xingjuyu Japan - Xiting PENG, Marketing Director
"Application of Interactive Dynamic Projection of Automotive Lamp Signal"
- Covestro – Ken Wakabayashi, Industrial Marketing, Mobility Asia, Engineering Plastics
"Efficient production of complex LED Low-Beam modules through in-mold optical alignment and heat management"

5:25 pm CLOSURE