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## External Spotlights

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Heiner Bubb	TU München	The closed loop: Driver – Car
Heiner Bubb	TU München	Glance and the perceived present
Heiner Bubb	TU München	Glance behaviour during driving
Heiner Bubb	TU München	Optical and kinaesthetic feedback
Marek Olivik	Visteon	Automotive projector modules
Mitch Sayers	Visteon	The emergence of the LED headlamp
Martin Formanek	Visteon	CAE in exterior lighting
Florian Haake	Genthe	Nanotechnology anti-fog coatings in automotive light- ing and sensor applications
Milan Cejnek, Martin Kocian	Visteon	Advanced front lighting – Concept overview
Jasmin von Göler, Jörg Moisel	DaimlerChrysler	Automotive night vision systems
Vladimir Kubena, Jan Martoch	Visteon	Light guides for automotive application
Cornelius Neumann	Hella	Ultra-thin LED lamps offer- ing new design freedom
Fritz Lorek	Freelance journalist	The bulb can make a difference
Viren Merchant	Visteon	LED control
Svatopluk Bajer	Visteon	Exterior lighting – Lenses and reflectors history

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Andreas Alers	Alers Technology	Thermoset – The plastic that keeps its shape
Stefan Trippe	Visteon	Reflective coatings – Mirror surfaces in luminaires
Steffen Holtz	Docter Optics	Projection lenses for headlamps
Rainer Neumann	Visteon	Advanced front lighting reaching approval
Vladimir Dobrus	Visteon	Impact behaviour of automotive headlamp
Ingo Schneider	Visteon	Guidelines for visibility and mounting requirements (SAE)
Sabine Raphael	University of Paderborn / L-LAB	Luminance as criterion to evaluate disability and discomfort glare
Patrick Kuhl	BMW	Compensating for a heavy load, sharp braking or accelerating, by headlamp-levelling systems
Markus Klein	Visteon	Dynamic lighting
Steffen Pietzonka	Hella	Interior lighting – Not just a bright car interior
Jacek Roslak	Hella	Vehicle surroundings-sensing technologies for active lighting
Stephan Völker	University of Paderborn / L-LAB	Quality of automotive headlamp beam patterns
Jan Berssenbrügge	University of Paderborn / L-LAB	Virtual reality tools for headlamp design
Jürgen Locher	Hella / L-LAB	Humanocentric design of driver assistance systems