

Issue, Month, (AD)*, (DD)*, (PD)*	Fairs, Events, Congresses	Main Subject	Machine Tools	Special 1	Special 2	Special issues/ Annual issues, etc. **)
<b>1 March</b> AD 15.02.2012 CD 21.02.2012 PD 15.03.2012	<b>Fastener Fair</b> , Stuttgart, Germany (22-24.02.) <b>12. Internationales Stuttgarter Symposium</b> , Stuttgart, Germany (13-14.03.) <b>Hannover Messe Industrie</b> , Hanover, Germany (23.-27.04.)   <b>careers4engineers automotive</b> , Stuttgart, Germany (28.04.) <b>SMT/Hybrid/Packaging</b> , Nuremberg, Germany (08-10.05.)   <b>Control</b> , Stuttgart, Germany (08-11.05.)	Innovative technologies for higher productivity	Innovations in forming and cutting machine tools for OEMs and suppliers	Automation (robots, control technology)	Quality assurance	<b>ATZextra Vernetzung des Automobils (Networking automobile)</b>
<b>2 June</b> AD 15.05.2012 CD 22.05.2012 PD 15.06.2012	<b>European Components Expo</b> , Stuttgart, Germany (12-14.06.) <b>ATZlive chassis.tech plus</b> , Munich, Germany (21-22.06.) <b>ATZlive International Conference on Automotive Management</b> , Wiesbaden, Germany (10-11.07.)	Production of electric and hybrid vehicles		Joining technology (welding, adhesive bonding, joining, screwing)	Software for production (simulation, ERP systems)	<b>MTZindustrial I, ATZoffhighway I, ATZextra Automotive Engineering Partners with special pages IndustryContacts</b>
<b>3 September</b> AD 13.08.2012 CD 20.08.2012 PD 12.09.2012	<b>AMB</b> , Stuttgart, Germany (18-22.09.) <b>IAA Nutzfahrzeuge</b> , Hanover, Germany (20-27.09.) <b>MOTEK</b> , Stuttgart, Germany (08-11.10.) <b>Materialica</b> , Munich, Germany (October)	Flexibility in assembly - how to design it?		Handling technology (gripper systems, automation, assembly technology)	Electronics manufacturing	<b>MTZindustrial II</b>
<b>4 December</b> AD 02.11.2012 CD 08.11.2012 PD 03.12.2012	<b>EuroMold</b> , Frankfurt/Main, Germany (27-30.11.) <b>SPS/IPC/DRIVES</b> , Nuremberg, Germany (November) <b>careers4engineers automotive</b> , Chemnitz, Germany (10.11.)   <b>careers4engineers automotive</b> , Darmstadt, Germany (30.11.)	Energy-efficient automation technology		Tool and mould construction (precision tools, clamping technology)	Plastics processing	<b>ATZoffhighway II, ATZextra Elektronik (Electric), ATZextra Formula Student Germany</b>

Regular columns: development, interviews, forums of opinions, research, conference reports, product news, company news, job market





\*\*AD = Advertising deadline | CD = Copy deadline | PD = Publication date

\*\*\*) Special issues/ annual issues / manufacturers' issues / special pages: Supplements in the magazines ATZ | MTZ. Further special issues and special subjects to be announced.

This overview of the subjects scheduled for 2012 is intended for your planning. We reserve the right to make changes if necessary. For further information, please call +49 (0)611 / 78 78 - 260

## Major topics in detail

### List of focal topics in 4 main categories in the automobile production

Planning	Production	Assembly	Quality
 <p><b>Production planning</b> involves planning quantities, series and capacity as well as time-based, operational and, if necessary, spatial planning and control.</p> <ul style="list-style-type: none"> <li>■ <b>Simulation</b></li> <li>■ <b>CAD</b></li> <li>■ <b>Plant engineering/planning</b></li> <li>■ <b>Logistic</b></li> </ul>	 <ul style="list-style-type: none"> <li>■ Vehicles being produced are transported between the individual production areas and stations using <b>conveyor systems</b>.</li> <li>■ Optimal cost structures and efficient processes through <b>automation</b> in vehicle production processes.</li> <li>■ Specially developed, flexibly deployable machine tools accelerate and define the process steps in production and assembly.</li> <li>■ The choice of the right components at the right price and of optimal quality forms the basis of every finished product.</li> <li>■ <b>Material procurement/planning</b></li> <li>■ Vehicle parts are manufactured using a combination of different <b>forming technologies</b>, casting processes and machining processes as well as innovative <b>joining technologies</b>. These production steps are followed by surface coating in the <b>paintshop</b>.</li> <li>■ <b>Corrosion protection</b></li> <li>■ <b>Surface technology/finishing</b></li> </ul>	 <ul style="list-style-type: none"> <li>■ The use of flexible and adaptive <b>robots</b> in modern vehicle production is indispensable.</li> <li>■ In many cases, assembly still involves many manual procedures. Human-robot cooperation creates new opportunities for the automotive industry.</li> <li>■ <b>Industrial handling technology</b></li> </ul>	 <p>Various inspections ensure faultless production of the car and guarantee that it complies with all requirements.</p> <ul style="list-style-type: none"> <li>■ <b>Quality testing</b></li> <li>■ <b>Plant monitoring</b></li> <li>■ <b>Measuring and testing technology</b></li> <li>■ <b>Final inspection</b></li> </ul>