Honoured junior engineers:
VDMA Textile Machinery prizes awarded

On the occasion of the VDMA Textile Machinery Forum at the headquarters of the circular knitting machine manufacturer and technology leader Mayer & Cie. in Albstadt, the Foundation of the German Textile Machinery Industry honoured six successful young engineers. Peter D. Dornier, chairman of the Lindauer DORNIER Board of Management and chairman of the Walter Reiners-Stiftung (Foundation), honoured the laureates in the presence of more than 50 industry representatives. In his celebratory speech, Mr. Dornier underlined the high importance of practical orientation in research and teaching for German textile machine manufacturers with respect to the implementation of the Bologna Process, the support of which is a particular focus of the Foundation’s work.

Focus on lightweight construction and energy efficiency - Promotion prizes in the dissertation and master categories
This year, the promotion prizes in the dissertation category were awarded to Dr. Daniel Denninger, TU Chemnitz, and to Dr. Adil Mountasir, ITM Dresden.
With his work, Mr. Denninger creates the basis for the wider application of the braiding technology in the field of fibre composites.
The subject of Mr. Mountasir’s dissertation was development of a flexible weaving technology for the manufacturing of fibre reinforced components.
With their works, the award winners demonstrated practical relevance. The economical production of fibre composites is required for their comprehensive application, for example, in car body construction, for lighter vehicles and hence for lower fuel consumption.
The approach of Mr. Mario Gollasch, who was awarded the promotion prize in the category master thesis, was also to minimize consumption. In his work, which was written at ITA Aachen, Mr. Gollasch developed a weft insertion system for weaving looms, which allows up to 60 per cent of energy savings, unlike conventional systems.

Demanded creativity – rewarded with scholarships
Development of innovative technologies cannot be achieved without creativity. Therefore, the Foundation of the German VDMA Textile Machinery rewards clever inventions or creative engineer achievements in the form of seminar or semester papers with creativity prizes. The winners of the creativity prizes 2016 were Denis Gholami Bajestani, ITA Aachen, as well as Erik Dahrmann and Martin von Zuben, both from ITM Dresden. The creativity prize is endowed with a scholarship for two semesters; students who are about to finish their studies received an equivalent financial award.

Award-winners of the Foundation of VDMA Textile Machinery 2016

| Creativity prize (scholarship for 2 semesters) | Denis Gholami Bajestani, ITA Aachen | „Selection of process models for the radial braiding process in terms of self-optimisation“ (bachelor thesis) |
| Creativity prize (scholarship for 2 semesters) | Erik Dahrmann, ITM Dresden | „Development and improvement of an assembling step of a filament wound aerospace structure using vacuum assisted resin infusion (VARI) with the objective of successful introduction into serial production“ (project thesis) |
| Creativity prize (scholarship for 2 semesters) | Martin von Zuben, ITM Dresden | „Development of technology demonstrator for fixation of stitch free multiaxial non crimp fabrics using adhesive application“ (student research project) |
| Promotion prize category Master (€3,000) | Mario Gollasch, ITA Aachen | „Development of components for a magnetic weft insertion system for weaving looms“ (master thesis) |
| Promotion prize category Dissertation (€5,000) | Dr. Daniel Denninger, TU Chemnitz | „Process-oriented synthesis method using the example of the new laying technique “D-3F2” for over-braiding with three yarn systems” (dissertation) |
| Promotion prize category Dissertation (€5,000) | Dr. Adil Mountasir, ITM Dresden | „Development of a flexible weaving technology for integrated manufacturing of 3D woven preforms for fibre reinforced components with complex geometries” (dissertation) |

**Chairman of the Foundation with prize winners, f.l.t.r. von Zuben, Dr. Mountasir, Gollasch, Dornier, Dahrmann, Dr. Denninger**

**Walter Reiners-Stiftung (Foundation) – Attracting and Promoting Talents**

With the Walter Reiners-Stiftung, VDMA Textile Machinery Association is actively engaged in promoting junior engineers. Every year, the Foundation grants promotion prizes for outstanding dissertations and master or diploma theses as well as creativity prizes for clever semester and seminar papers. Students regularly gain an insight into practice with excursions to member companies and to the leading textile exhibition ITMA, which are financially supported by the Foundation.

You can find more information about the occupational field of the textile machinery industry, the activities of the Foundation as well as excursion reports of the students on the homepage of the Textile Machinery Association [http://txm.vdma.org/ingenieurnachwuchs](http://txm.vdma.org/ingenieurnachwuchs)

For any questions please contact
Mr. Nicolai Strauch:
Phone: +49 69-6603-1366,
E-mail: nicolai.strauch@vdma.org