

Research Profile: Prof. Dr.-Ing. habil. Dipl.-Wirt. Ing. Chokri Cherif

Name: Cherif, Chokri, Prof. Dr.-Ing. habil. Dipl.-Wirt. Ing.
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Children: 3

Academic Education with Degrees

Study Subject: Mechanical Engineering, 10/1986 – 11/1992, RWTH Aachen
Specialization in Textile Technology
Degree: Dipl.-Ing. | Grade: 1,3 (“with distinction”)
Study Subject: Economic Sciences, 10/1992 – 03/1995, RWTH Aachen
Degree: Dipl.-Wirt. Ing. | Grade: 1,6 (“good”)

Scientific Degrees

PhD: Mechanical Engineering, 1998, RWTH Aachen
Degree: Dr.-Ing. | summa cum laude (“with greatest distinction”)
Habilitation: Mechanical Engineering, 2001, RWTH Aachen
Degree: Dr.-Ing. habil.

Professional Career:

12/1992 – 03/1993 Research Associate at the Institute of General Mechanics of the RWTH Aachen
04/1993 – 06/2001 Research Associate at the Institute of Textile Technology of the RWTH Aachen
10/2001 – 09/2005 Assistant Professor at the RWTH Aachen, Faculty of Mechanical Engineering, VENIA LEGENDI for „Textile Manufacturing Technology”
07/2002 – 12/2003 Technology Coordinator; Head of the Technology Development Department
Rieter Ingolstadt Spinnereimaschinenbau AG
01/2004 – 06/2005 Chief Department Manager of Development and Design, Corporate Head, Business Unit Strecke, Rieter Ingolstadt Spinnereimaschinenbau AG

2005 - present	Director of the Institute of Textile Technology and High Performance Material Technology (ITM), TU Dresden
2008 - present	Mentor for founding spin-off companies
2009 - present	Member of Faculty Council and Structural Commission, Faculty of Mechanical Engineering, TU Dresden
2009 - present	Director of TUDATEX GmbH
2010 – 2013	President of AUTEX – International Association of Universities for Textiles
2012 – 2020	DFG Review Board „Lightweight/Textile Technology“
2013 – 2015	Vice-President of AUTEX – International Association of Universities for Textiles
2014 - present	Founding member C ³ – Carbon Concrete Composites e. V.
2021 – present	Member of Scientific Advisory Board AiF/ Vice-Chairman Expert Group 5
2015 – 2020	Member of Scientific Advisory Board AiF/Chairman Expert Group 5
2016 - present	Founding member „Research Center Carbon Fibers Saxony (RCCF)“
2016	Winner of the German Future Prize 2016 for Innovation and Technology by the German President
2017	Carrier of the Cross of Merit, awarded by the Tunisian President for excellent achievements abroad

Selected Further Activities

- Member of the University Council Hochschule Hof
- Member of the Editorial Board of the Journal for Fibres & Textiles in Eastern Europe
- Member of the Scientific Programming Board of the AUTEX Research Journal
- Member of the Extended Board at the Materials Research Network Dresden e. V. (MFD)
- Member of the numerous program committees of renowned international textile conferences, worldwide
- Member of the Scientific Advisory Board of the technical magazines Melliand Textilberichte, Melliand International, and Melliand China
- Member of the Scientific Advisory Board of the Sächsisches Textilforschungsinstituts e. V., TU Chemnitz
- Member of the Scientific Advisory Board of the Thüringisches Institut für Textil- und Kunststoffforschung e. V.
- Member of the Scientific Advisory Board of the Leibnitz-Institut für Interaktive Materialien at the RWTH Aachen e. V.
- Main organizer (in collaboration with the DWI of RWTH Aachen e. V. and ITV Denkendorf) of the Aachen-Dresden-Denkendorf International Textile Conference (> 700 participants)
- Consultant positions for the European Union (EU), the Deutsche Forschungsgemeinschaft (DFG), the Federal Ministry for Economic Affairs and Energy (BMWi), the German Federation of Industrial Research Associations (AiF), etc.

Selected Memberships

- AiF (German Federation of Industrial Research Associations)
- AUTEX – The Association of Universities for Textiles
- Carbon Composites e. V.
- Centre for Computational Materials Science (DCCMS)
- Deutsches Zentrum Textilbeton (German Centre for Textile-reinforced Concrete)
- EURATEX ONLINE
- Flock Association of Europe
- Promotional Association Cetex Chemnitzer Textilmaschinenentwicklung e. V.
- INNtex – Innovation Netzwerk Textil e. V.
- Brand association TUDALIT
- TensiNet Association
- Verband Deutscher Maschinen- und Anlagenbau e. V. (VDMA, Mechanical Engineering Industry Association)
- Verband der Nord-Ostdeutschen Textil- und Bekleidungsindustrie e. V. (vti, Association of Textile and Clothing Industries in North-East Germany)
- Verein Deutscher Textilveredlungsfachleute e. V. (VDTF, German Expert Association for Textile Finishing)
- Verein des Textilforschungsinstituts Thüringen-Vogtland e. V. (Textile Research Institute)

Selected Awards (out of 100 prizes)

- Finalist Otto-von-Guericke Prize 2020
- Energy Globe World Award 2018, C3 - Carbon Concrete Composite
- Manfred-Hirschvogel Award 2018
- Assembly Innovation Award 2018
- Cross of Merit of the Republic of Tunisia for outstanding achievements abroad
- Bertha Benz Prize 2017
- Flock Award; Peoples Choice Award 2017
- German Resource Efficiency Award 2016
- German Future Prize 2016 by the German President for Technology and Innovation
- Otto-von-Guericke Prize 2015
- JEC Innovation Award Europe 2015
- AVK Innovation Prize for Research and Science 2019, 2014, 2016
- mtex Innovation Award 2014
- Paul Schlack Prize 2014, 2011
- Max Kehren Medal 2013
- Paul Schlack Honorary Award 2019, 2012
- “Théophile Legrand International Award for Textile Innovation” - 2016, awarded in Paris/FR; 2010 - awarded in Roubaix/FR;
- 5 Techtexil Innovation Awards: 2015, 2009, 2007, 2005 (2 X)

- Innovation Award Textil und Mode 2008 (1st place), 2009 (nominee, 2nd place)
- Prize awarded by the entire collective German textile and fashion industry supported by the Deutsche Bank AG, Ministry of Economic Affairs and Energy of State of North Rhine-Westphalia and the European Union
- 12 Creativity Awards of the Walter Reiners Foundation for student theses: 2020, 2019, 2018, 2017, 2x2016, 2015, 2013, 2010, 2008, 2007, and 2005
- 7 Advancement Awards of the Walter Reiners Foundation for dissertations: 2017, 2016, 2015, 2011, 2008, 2006, and 2005
- 8 Advancement Awards of the Walter Reiners Foundation for diploma theses: 2019, 2015, 2014, 2012, 2011, 2009, 2007, and 2005
- Friedrich Wilhelm Prize of the RWTH Aachen 2002
- Borchers Badge of the Friends and Supporters of the RWTH Aachen e. V. 1999
- Advancement Award „Textil“ of the Aachener Textilzentrum 1999
- Honorary Award of the Tunisian President for the most successful student abroad 1993

Publications and Patents

- 1,500 national and international publications (journals, lectures, research scripts)
- 240 national and international patents
- 3 scientific books:
 - o Cherif, Ch. (Hrsg.): Textile Werkstoffe für den Leichtbau, Berlin/Heidelberg: Springer-Verlag, 2011, ISBN 978-3-642-17991-4 (717 Seiten)
 - o Cherif, Ch. (Hrsg.): Leichtbau mit Textilverstärkung für Serienanwendungen, Auerbach: Verlag Wissenschaftliche Scripten, 2013, ISBN 978-3-942267-81-6 (377 Seiten)
 - o Cherif, Ch. (Hrsg.): Textile Materials for Lightweight Constructions, Berlin Heidelberg: Springer-Verlag, 2016, ISBN 978-3-662-46340-6 (661 Seiten)