

## Curriculum Vitae

**Katja Dörschner-Boyaci, Ph.D.**

Justus-Liebig-University Giessen  
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Nationality: German  
Married, 2 Children (2010,  
2017)

### Education

- 2002 - 2006 **Ph.D. Experimental Psychology**, New York University, New York, USA  
Thesis: Perception of Surface Color in Complex Three-Dimensional Scenes  
Advisor: Prof. Laurence T. Maloney
- 2005 **M.A. Psychology**, New York University, New York, USA
- 2000 - 2002 **B.A. Psychology**, University of Rhode Island, Rhode Island, USA

### Research Experience

- 2020 - now **Professor**, Department of Psychology, Justus Liebig University Giessen, Germany
- 2014 - 2019 **Research Group Leader**, Department of Psychology, Justus Liebig University Giessen, Germany
- 2016 - 2019 **Associate Professor (tenured)**, Department of Psychology, Neuroscience Program, National Research Center for Magnetic Resonance & Sabuncu Brain Research Center, Bilkent University, Ankara Turkey
- 2014 - 2015 **Visiting Scholar**, Department of Cognitive Science, University of California San Diego, USA  
Host: Assoc. Prof. Ayse Pinar Saygin
- 2013 **Associate Professor title awarded by the Council of Higher Education of Turkey**, December 2013 (Prerequisite for any tenure position in Turkey, involves an examination by a committee of national experts in the relevant research area)

- 2008 - 2016 **Assistant Professor**, Department of Psychology, and National Research Center for Magnetic Resonance (UMRAM), Bilkent University, Ankara Turkey
- 2006 - 2007 **Post-doctoral Researcher**, Department of Psychology, University of Minnesota, USA  
Advisor: Prof. Daniel Kersten
- 2004 **CSH Student**, Computational Neuroscience: Vision, Cold Spring Harbor Laboratory, USA
- 2002 - 2006 **Research Assistant**, Department of Psychology, New York University, USA  
Advisor: Prof. Laurence T. Maloney
- 2000 - 2002 **Research Assistant**, Department of Cognitive and Linguistic Sciences, Brown University, USA  
Advisor: Prof. Mike Tarr

## Professional Experience

- 1998 - 2000 **Multimedia Designer**, Fraunhofer Center for Research in Computer Graphics, Providence, USA
- 1997 - 1998 **Multimedia Designer**, Zentrum Graphischer Datenverarbeitung, Rostock, Germany
- 1994 - 1997 **Graphic Designer** (Berufsausbildung), Graphik Design Schule, Anklam, Germany

## Teaching Experience

### JLU Giessen, Germany (2020-now)

- Biological Psychology (Seminar)
- Action and Perception (Seminar)
- M.A. Research & Teaching (Seminar)
- B.A. Thesis Research (Seminar)

### Bilkent University, Ankara, Turkey (2008-now)

- Introduction to Psychology PSYC 100 (Lecture)
- Psychological Methods PSYC 110 (Lecture)
- Statistics and Research Methods in Psychology I PSYC 201 (Lecture)
- Statistics and Research Methods in Psychology II PSYC 202 (Lecture)
- Perception, Attention and Action PSYC 310 (Lecture)
- Learning, Remembering and Thinking PSYC 340 (Lecture)
- Neuropsychology PSYC 410 (Lecture)
- Selected Topics in Cognitive Psychology PSYC 420 (Seminar)
- Visual Neuroscience PSYC439 (Seminar)
- Learning: Theory and Practice PSYC 493 (graduate course, Lecture)

- Cognitive Neuroscience PSYC 520 (graduate course, Seminar)

#### **New York University, New York, USA** (Teaching Assistant 2003-2005)

- Simulation and Data Analysis (graduate course)
- Intermediate Statistics (graduate course)
- Cognitive Psychology (graduate course)

#### **National Magnetic Resonance Research Center (UMRAM), Ankara, Turkey**

2010            Origins of BOLD, fMRI Analysis, DTI (MRI workshop), Instructor

#### **Rhode Island School of Design, Providence, USA**

2001            HTML and CSS, International Certificate Program for New Media, Module Instructor

### **3<sup>rd</sup> Party Funding**

- |             |   |
|-------------|---|
| 2021 - 2024 | Cluster project: The adaptive mind, funded by the state of Hesse (HMWK). One of 24 PIs Total Budget: 7,400,000 Euro (coordinator Karl Gegenfurtner, Justus-Liebig- University Giessen)  |
| 2017 - 2021 | EU FP7 'People' Program: Marie Sklodowska-Curie Innovative Training Networks 2017, DyViTo: <i>Dynamics in Vision and Touch - the look and feel of stuff</i> , Partner Budget: <b>120,000 Euro</b> , Total ITN Budget: 2,834,000 Euro (coordinator Marina Bloj, Bradford University) |
| 2014 - 2019 | Alexander von Humboldt Foundation (Sofja Kovalevskaja Award), Project Title: <i>Perceiving Material Qualities - Brain Mechanisms and Dynamics</i> , Budget: <b>1,628,000 Euro</b>   |
| 2012 - 2016 | EU FP7 'People' Program: Marie Curie Initial Training Network 2012, <i>PRISM: Perceptual Representation of Illumination, Shape and Materials</i> , Partner Budget: <b>226,000 Euro</b> , Total ITN Budget: 3,011,566 Euro (coordinator Roland Fleming, JLU Giessen)                 |
| 2013 - 2017 | TUBA GEBIP (Turkish Academy of Sciences Outstanding Young Scientist Award), approximately <b>28000 Euro</b>   |
| 2012 - 2015 | TUBITAK 1001 Research Grant, <i>Assessing structural and functional architecture of the human brain through investigating influences of genetically rooted central nervous system disorders</i> , PI. Budget: 316,000 YTL (approximately <b>150,000 Euro</b> )                      |
| 2009 - 2013 | European Commission Marie Curie International Reintegration Grant, <i>Visual Perception of Surface Material Properties - Computational and fMRI</i>   |

*investigations of spatio- temporal cues to perceived shininess*, PI. Budget: **100,000 Euro**.

- 2009 - 2012 TUBITAK (The Scientific and Technological Research Council of Turkey) 1001 Research Grant, *Analysis of the influence of novel neurodevelopmental movement disorder mutations on the functional and structural organization of the visual and motor systems*, Co-PI. Budget: 360,000 YTL (approximately **220,000 Euro**)
- 2009 - 2012 TUBITAK 1001 Research Grant, *Assessing neural activity and functional connectivity in human cortex associated with contextual influences on visual perception*, Co-PI. Budget: 330,000 YTL (approximately **200,000 Euro**)

### Awards and Fellowships

- 2015 Research Award, Justus-Liebig-University-Giessen, (Preis der Justus-Liebig-Universität Giessen)
- 2014 Sofja Kovalevskaja Award, Alexander von Humboldt Foundation
- 2013 Turkish Academy of Sciences Outstanding Young Scientist Award (TUBA GEBIP, evaluated are a research proposal and research accomplishments)
- 2012 The Scientific and Technological Research Council of Turkey Young Scientist Encouragement Award (TUBITAK Tesvik Odulu, one of the most prestigious awards for young scientists in Turkey. The award was handed over by the Turkish president at the time: Abdullah Gül))
- 2009 TUBITAK 7th Framework Participation Incentive Award (awarded to PIs of a EU grant)
- 2006 Dean's Dissertation Fellowship Award, New York University, USA (based on the thesis proposal, I declined because I graduated 1 year early)
- 2005 Margaret and Herman Sokol Predoctoral Fellowship in the Sciences, New York University, USA (competitive, evaluated is a research proposal)
- 2005 Katzell Summer Fellowship, New York University, USA (competitive, evaluated is a research proposal)
- 2002 - 2006 McCracken Doctoral Fellowship, New York University, USA (non-competitive)
- 2002 URI President's Award for Student Excellence, University of Rhode Island, USA (awarded for excellent academic performance)
- 2001 Outstanding Contributions to Psychology Senior Award, University of Rhode Island, USA (awarded for excellent academic performance)

## Academic Advising

### Postdoctoral

2015 - current	Dr. Robert Ennis (Giessen), Advisor
2015 - 2020	Dr. Alexandra Schmid (Giessen), Advisor
2013 - 2017	Dr. Dicle Dovenciouglu (Bilkent & Giessen), Advisor
2012 - 2014	Dr. Irtiza Gilani (Bilkent), Advisor
2010 - 2011	Dr. Aslihan Ors (Bilkent), Co-Advisor
2010 - 2011	Dr. Ozgur Yilmaz (Bilkent), Advisor

### Doctoral

2017 - current	Müge Cavdan (Giessen University, Department of Psychology), Advisor (together with Knut Drewing)
2015 - 2020	Lorilei Alley (Giessen University, Department of Psychology), Advisor
2012 - 2017	Pinar Demirayak (Bilkent University, Neuroscience Program), Advisor

### Master's

2013 - 2017	Seyhun Ustun (Bilkent University, Neuroscience Program), Advsiior
2010 - 2012	Onur Kulce (Bilkent University, Department of Electrical and Electronic Engineering, Co-advisor
2009 - 2011	Gizem Kucukoglu (Middle East Technical University, Informatics Institute, Cognitive Science), Co-advsiior

### Ph.D. Thesis committees and defence juries

2019	Fan Zhang (TU Delft, Department of Industrial Design)
2010 - 2014	Omer Metin (Middle East Technical University, Informatics Institute, Cognitive Science)
2011 - 2015	Sinem Odabasioglu, (Bilkent University, Department of Art, Design and Architecture)
2012	Emre Onat (Bilkent University, Department of Molecular Biology and Genetics)
2012	Chigdem Mustafa (Bilkent University, Department of Molecular Biology and Genetics)

## Professional Services

Journal Editor	Scientific Reports Nature Publishing Group
Journal review	Journal of Vision Experimental Psychology i-Perception

Neuroimage  
 PLoS Computational Biology  
 PLoS One  
 Current Biology  
 Frontiers in Perception Science  
 Vision Research  
 IEEE ACM Transactions on Applied Graphics and Perception  
 Psychonomic Bulletin & Review  
 Action, Perception & Psychophysics

Book chapter review The MIT Press

Conference review 1st. German-Turkish Neuroscience meeting, 2014, Berlin  
 IEEE World Haptics

Funding review The Netherlands Organization for Scientific Research (NOW), Netherlands  
 The National Science Foundation (NSF) Perception, Action & Cognition, USA

### Departmental Services (Bilkent University)

2011 - 2014 Co-developed the Neuroscience graduate program and curriculum  
 2011 - 2012 Graduate program coordinator (Psychology)  
 2008 - 2014 Undergraduate and senior thesis advising (Psychology)  
 2008 - 2012 Organizer of departmental seminars (Psychology)

### Departmental Services (Giessen University)

2019 Organization of the 13<sup>th</sup> Kurt-Koffka Award Ceremony. Awardee: Daniel J. Kersten, University of Minnesota

### List of Publications

#### Pre-print & under review:

Schmid, A.C., Barla, P. & **Doerschner, K.** (preprint). Material category determined by specular reflection structure mediates the processing of image features for perceived gloss. bioRxiv, doi: <https://doi.org/10.1101/2019.12.31.892083>

Cavdan, M., Drawing, K. & **Doerschner, K.** (under revision). Materials in action: The look and feel of soft, preprint: DOI: 10.1101/2021.01.22.427730

Dovencioğlu, D.N., Ustun, F.S., **Doerschner, K.**, Drawing, K. (under review). From silk to sand: multiple dimensions of softness in active touch of real materials.

Gilani, I.A., Oguz, K.K., Boyaci, H., & **Doerschner, K.** (under review) Assessing Topographic Structural Connectivity of the Human Basal Ganglia and Thalamus. *Brain Structure and Function*. bioRxiv, doi: & Biological Engineering and Computing. [https://doi.org/10.1101/2020.03.06.981142.\(Medical\)](https://doi.org/10.1101/2020.03.06.981142.(Medical))

## Peer-Reviewed Articles

### 2021

Demirayak, P., Oguz, K.K., Ustun, S.F., Urgen B.M., Topac, Y., Gilani, I., Kansu, T., Saygi, S., Ozcelik, T., Boyaci, H. & **Doerschner, K.** (accepted). Functional connectivity in the face of congenital structural changes – a case of homozygous LAMC3 mutation. *Brain and Behavior*. <http://doi.org/10.1002/brb3.2241>

Ennis, R. & **Doerschner, K.** (2021). The color appearance of three-dimensional, curved, transparent objects. *Journal of Vision*, 21(5). doi 10.1167/jov.21.5.20

Cavdan, M., **Doerschner, K.** & Drewing, K. (2021). Task and material properties interactively affect softness exploration along different dimensions. *IEEE Transactions on Haptics*. DOI 10.1109/TOH.2021.3069626

Schmid, A.C., Boyaci, H. & **Doerschner, K.** (2021). Dynamic dot displays reveal material motion network in the human brain. *NeuroImage*, 228 (117688), DOI: 10.1016/j.neuroimage.2020.117688

### 2020

Alley, L.M., Schmid, A.C. & **Doerschner, K.** (2020). Expectation affect the perception of material properties. *Journal of Vision*, 20(12), 1-20. DOI: 10.1167/jov.20.12.1

### 2019

Ennis, R. & **Doerschner, K.** (2019). Disentangling simultaneous changes of surface and illumination. *Vision Research*, 158, 173-188. <https://doi.org/10.1016/j.visres.2019.02.004>

Toscani, M., Yucel, E. & **Doerschner, K.** (2019). Gloss and speed judgements yield different fine tuning of saccadic sampling in dynamic scenes. *i-Perception* <https://doi.org/10.1177/2041669519889070>

Schmid, A.C. & **Doerschner, K.** (2019). Representing stuff in the human brain. *Cur. Op. Beh. Sci.*, 30, pp.178-185.

Braun, D.I. & **Doerschner, K.** (2019). Kandinsky or me? How free is the eye of the beholder in abstract art? *i-Perception*, 10(5), pp. 1-29.

### 2018

Dovencioğlu, D.N., van Doorn, A., Koenderink, J., **Doerschner, K.** (2018). Seeing through transparent layers. *Journal of Vision*, 18(9):25,1-19. doi:<https://doi.org/10.1167/18.9.25>.

Urgen, M. B., Topac, Y., Ustun, S. F., Demirayak, P., Oguz, K., Kansu, T., Saygi, S., Ozcelik, T., Boyaci, H., **Doerschner, K.** (2018). Homozygous LAMC3 mutation links to structural and

functional changes in visual attention networks. *NeuroImage*, (2018).  
<https://doi.org/10.1016/j.neuroimage.201803077>.

Schmid, A., **Doerschner, K.** (2018). The contribution of optical and mechanical properties to the perception of soft and hard breaking materials. *Journal of Vision*, 18(1):14, 1-32.

## 2017

Dovencioglu, D.N., Ben-Shahar ,O., Barla, P., **Doerschner K.** (2017). Specular motion and 3D shape estimation. *Journal of Vision*. doi: 10.1167/17.6.3

Toscani, M., Gegenfurtner, K.R., **Doerschner, K.** (2017). Differences in illumination estimation in #thedress. *Journal of Vision*, 17(1), 1-14. doi:10.1167/17.1.22.

## 2015

Kam, T.E., Mannion, D. , Lee, S.W., **Doerschner, K.**, Kersten, D. (2015). Human visual cortical responses to specular and matte motion flows. *Front. Hum. Neurosci.* 9:579. doi: 10.3389/fnhum.2015.00579. eCollection 2015.

Dovencioglu, D. N., Wijntjes, M. W. A., Ben-Shahar, O., **Doerschner, K.** (2015). Effects of reflectance and object motion in estimating 3D structure. *Vision Research*.  
<http://dx.doi.org/10.1016/j.visres.2015.01.008>.

## 2014

Yilmaz. O., **Doerschner, K.** (2014). Detection and localization of specular surfaces using image motion cues, *Machine Vision and Applications*, Volume 25, Issue 5, pp 1333-1349.

Akin, B., Ozdem, C., Eroglu, S., Taslak Keskin, D.,Fang, F., **Doerschner, K.**, Kersten, D., Boyaci H. (2014). Attention modulates neuronal correlates of interhemispheric integration and global motion perception, *Journal of Vision*, 27, vol. 14, no. 12, article 30.

## 2013

**Doerschner, K.**, Yilmaz. O., Kucukoglu G., Fleming, R. (2013). Effects of 3D Shape and Surface Reflectance on Perceived Rotation Axis, *Journal of Vision*, 13(11):8, pp.1-23, doi: 10.1167/13.11.8.

Oguz, K. K., Temucin, E., Gocmen, R., Has, A.C., Dolgun, A., **Doerschner, K.** Alikasifoglu, M. (2013). Assessment of Whole Brain White Matter by DTI in Autosomal Recessive Spastic Ataxia of Charlevoix- Saguenay, *AJNR*, 34: 1952-1957, doi: 10.3174/ajnr.A3488

Oguz, K. K., Sanverdi, E., Temucin, C., Turk, S., Haliloglu G., **Doerschner, K.** (2013). Tract-Based Spatial Statistics of Diffusion Tensor Imaging in Hereditary Spastic Paraplegia with Thin Corpus Callosum Reveals Widespread White Matter Abnormality, *Diagnostic and Interventional Radiology*, 19(3):181-6. doi: 10.5152/dir.2013.046.

## 2012

Wijntes, M., **Doerschner, K.**, Kucukoglu, G., Pont, S. (2012). Relative flattening between velvet and matte 3D shapes: evidence for similar shape-from-shading computations. *Journal of Vision*, 12(1)2, 1-11, <http://journalofvision.org/12/1/2/>; doi:10.1167/12.1.2.



**2011**

**Doerschner, K.**, Fleming, R., Yilmaz, O., Schrater, P., Hartung, B., Kersten, D. (2011b). Visual Motion and the Perception of Surface Material. *Current Biology* 21(23), 2010-2016; doi:10.1016/j.cub.2011.10.036

Gulsuner, S., Tekinay, A.B., **Doerschner K.**, Boyaci, H., Bilguvar, K., Unal, H., Ors, A., Atalar, E., Basak, N., Topaloglu, H., Tan, M., Tan, U., Murat Gunel, M. Ozcelik, T. (2011). Homozygosity mapping and targeted genomic sequencing reveal the gene responsible for cerebellar hypoplasia and quadrupedal locomotion in a consanguineous kindred. *Genome Research* 21(12), 1995-2003; doi: 10.1101/gr.126110.111.

Barak, T. , Kwan, K.Y. , Louvi, A., Demirbilek, V., Saygi, S., Tüysüz, B., Choi, M., Boyaci, H., **Doerschner, K.**, Zhu, Y. et al. (2011). Recessive LAMC3 mutations cause malformations of occipital cortical development. *Nature Genetics* 43(9), 590-594; doi:10.1038/ng.836

**Doerschner, K.**, Kersten, D., Schrater, P. (2011a). Rapid Classification of Specular and Diffuse Reflection from Image Velocities. *Pattern Recognition*, 44(9), 1874-1884, <http://dx.doi.org/10.1016/j.patcog.2010.09.007>.

**2010**

**Doerschner, K.**, Boyaci, H., Maloney, L.T. (2010). Perceived Glossiness in High Dynamic Range Scenes. *Journal of Vision*, 10(9):11, 1-11, <http://journalofvision.org/10/9/11/>

**Doerschner, K.**, Boyaci, H., Maloney, L.T. (2010). Estimating the glossiness transfer function induced by illumination change and testing its transitivity. *Journal of Vision*, 10(4):8, 1-9, <http://journalofvision.org/10/4/8/>

**2007**

**Doerschner, K.**, Boyaci, H., Maloney, L.T. (2007). Testing limits on matte surface color perception in three- dimensional scenes with complex light fields. *Vision Research*, 47, 3409-3423. <http://dx.doi.org/10.1016/j.visres.2007.09.020>

**2006**

Boyaci, H., **Doerschner, K.**, Snyder, J., and Maloney, L.T. (2006). Surface Color Perception in Three-Dimensional Scenes. *Visual Neuroscience*, 23, 311-321. <http://dx.doi.org/10.1017/S0952523806233431>.

Schultz, S., **Doerschner, K.**, and Maloney, L. T. (2006). Color constancy and hue scaling. *Journal of Vision*, 6, 1102-1116. <http://journalofvision.org/6/10/10/>

Boyaci, H., **Doerschner, K.**, and Maloney, L. T. (2006). Cues to an equivalent lighting model. *Journal of Vision*, 6, 106-118. doi:10.1167/6.2.

**2005**

Snyder, J. L., **Doerschner, K.**, and Maloney, L. T. (2005). Illumination estimation in three-dimensional scenes with and without specular cues. *Journal of Vision*, 5(10), 863-87. <http://journalofvision.org/5/10/8>

**2004**

Boyaci, H., **Doerschner, K.**, and Maloney, L. T. (2004). Perceived surface color in binocularly-viewed scenes with two light sources differing in chromaticity. *Journal of Vision*, 4, 664-679. doi:10.1167/4.9.1

**Doerschner, K.**, Boyaci, H., and Maloney, L. T. (2004). Human observers compensate for secondary illumination originating in nearby chromatic surfaces. *Journal of Vision*, 4, 92-105. doi:10.1167/4.2.3

**Peer-Reviewed Proceedings****2021**

Cavdan, M., **Doerschner, K.** & Drewing, K. (2021). Constraining haptic explorations with sensors and gloves hardly changes the multidimensional structure of softness perception. (World Haptic Conference)

**2020**

Cavdan, M., Freund, A., Trieschmann, A.K., **Doerschner, K.** & Drewing, K. (2020). From Hate to Love: How Learning Can Change Affective Responses to Touched Materials. In: Nisky I., Hartcher-O'Brien J., Wiertlewski M., Smeets J. (eds) *Haptics: Science, Technology, Applications*. EuroHaptics 2020. Lecture Notes in Computer Science, vol 12272. Springer, Cham. [https://doi.org/10.1007/978-3-030-58147-3\\_7](https://doi.org/10.1007/978-3-030-58147-3_7)

**2019**

Cavdan, M., **Doerschner, K.** & Drewing, K. (2019). The many dimensions underlying perceived softness: How exploratory procedures are influenced by material and the perceptual task. *IEEE World Haptic Conference*. DOI: 10.1109/WHC.2019.8816088

**2010**

Zang, D., Schrater, P., and **Doerschner, K.** (2010). Object Rigidity and Reflectivity Identification Based on Motion Analysis. *International Conference on Image Processing (ICIP)*, Hong Kong September 26-29, 2010. doi:10.1109/ICIP.2010.5652288

**2009**

**Doerschner, K.**, Kersten, D., and Schrater, P. (2009). Rapid Classification of Surface Reflectance from Image Velocities. In *Proceedings of the 13th international Conference on Computer Analysis of Images and Patterns (Münster, Germany, September 02 - 04, 2009)*. X. Jiang and N. Petkov, Eds. *Lecture Notes In Computer Science*, vol. 5702. Springer-Verlag, Berlin, Heidelberg, 856-864. [http://dx.doi.org/10.1007/978-3-642-03767-2\\_104](http://dx.doi.org/10.1007/978-3-642-03767-2_104)

Zang, D., **Doerschner, K.**, and Schrater, P. R. (2009). Rapid Inference of Object Rigidity and Reflectance Using Optic Flow. In *Proceedings of the 13th international Conference on Computer Analysis of Images and Patterns (Münster, Germany, September 02 - 04, 2009)*.

X. Jiang and N. Petkov, Eds. Lecture Notes In Computer Science, vol. 5702. Springer-Verlag, Berlin, Heidelberg, 881-888.[http://dx.doi.org/10.1007/978-3-642-03767-2\\_107](http://dx.doi.org/10.1007/978-3-642-03767-2_107)

## 2005

Maloney, L.T., Boyaci, H., **Doerschner, K.** (2005). Surface color perception as an inverse problem in biological vision. Computational Imaging III, edited by Charles A. Bouman, Eric L. Miller, Proceedings of SPIE-IS&T Electronic Imaging, SPIE Vol. 5674. doi:10.1117/12.598463

## Book chapters

**Dörschner, K.** (2013). Motion and object appearance. In L. Albertazzi (Ed.), The Wiley-Blackwell Handbook of Experimental Phenomenology; Visual Perception of Shape, Space and Appearance. Wiley - Blackwell, pp. 223–242, doi: 10.1002/9781118329016.ch9

Maloney, L. T., Gerhard, H. E., Boyaci, H., & **Doerschner, K.** (2010). Surface color perception and light field estimation in 3D scenes. In L. Harris & M. Jenkins (Eds.), Vision in 3D environments (pp. 65-88). Cambridge, UK: Cambridge University Press.

## Invited Talks

- |         |  |
|---------|--|
| 11/2019 | H2020 DyViTo Network Workshop, ("Specular highlight appearance & perceived material category"), Uchisar, Turkey  |
| 11/2019 | Department of Industrial Design, Technical University Delft, ("The role of specular highlight appearance in perceived material category"), Delft, Netherlands  |
| 10/2019 | 1 <sup>st</sup> Science day of the FCMH (Forschungscampus Mittelhessen), Giessen University, ("The perception of stuff"), Rauscholzhausen, Germany   |
| 5/2019  | Tokyo University, A.v. Humboldt college: Neuronal humanities & empirical aesthetics, ("The perception of color and balance in abstract art"), Tokyo, Japan   |
| 11/2018 | The skin of things: Symposium on perceiving and painting material properties, TU Delft & Utrecht University, ("Color constancy for translucent materials"), Rijksmuseum Amsterdam, Netherlands   |
| 04/2016 | Institute of Physics, Technical University Chemnitz, ("Visual Estimation of Material Qualities"), Chemnitz, Germany  |
| 07/2015 | EPSRC network on Visual Image Interpretation in Humans and Machines ( <a href="http://www.viihm.org.uk/home/events/second-workshop/">http://www.viihm.org.uk/home/events/second-workshop/</a> ), "Visual Estimation of Material Qualities", Bath, UK |

- 04/2015 Department of Psychology UCSD, Vision group, "Material Qualities, 3D-Shape and Motion", San Diego, USA
- 02/2015 IGERT-TEECH (<http://cisa3.calit2.net/igert-teech/>), "Material Qualities and Image Motion", San Diego, USA
- 02/2015 UCSD Cognitive Neuroscience and Neuropsychology lab, "Perception of Material Qualities", San Diego, USA
- 11/2014 Sofja Kovalevskaja Award Ceremony and workshop, Keynote Lecture: 'Neuronale Grundlagen der Materialwahrnehmung', (cortical mechanisms in material perception), 10- 12.11/2014, Berlin, Germany
- 05/2014 12. National Neuroscience Congress, "Computational approaches in understanding visual object appearance", Istanbul, Turkey
- 11/2013 UNESCO World philosophy day, "Linking Genes, Brain and Mind", Bilkent University, Ankara, Turkey
- 10/2013 PRISM workshop, "Specular Shape from Motion", Bordeaux, France, <http://prism-network.eu/events/prism2-science-light-shade>
- 02/2013 1. METU Neuroscience Days, "Motion, Shape and Material Qualities", Middle Eastern Technical University, Ankara, Turkey
- 12/2012 University of Giessen, Department of Psychology, "Motion, Shape and Material Qualities", Giessen, Germany
- 07/2012 International Summerschool and Workshop on Brain dynamics, Institute of Theoretical and Applied Physics (ITAP), "Genetic disease and brain development in the Mediterranean basin ? Three case studies", Marmaris, Turkey

Last update: June 09, 2021