



ÓBUDA UNIVERSITY

REJTŐ SÁNDOR FACULTY OF LIGHT INDUSTRY
AND ENVIRONMENTAL ENGINEERING

ÁKOS BORBÉLY PHD

ASSOCIATE PROFESSOR

ABOUT

Ákos Borbély is a fashion designer and denim artisan. She is a recognized theorist for Sustainable Fashion and Sustainable Textile Supply Chain Management; also, she is known for her work in Fashion Branding and Identity Design.

Ákos Borbély works as an associate professor at Óbuda University in Budapest. He teaches subjects such as **Fashion Design, Design Theory and Design Method, Visual Communication, and Freehand Drawing**. He is staff member of the Rejtő Sándor Faculty of Light Industry and Environmental Protection Engineering, Institute of Media Technology and Light Industry.

PROFESSIONAL PROFILES

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UNIVERSITY CAREER

Óbuda University, Budapest (Hungary)
2010-
Associate Professor

Óbuda University, Budapest (Hungary)
2009-2018
Vice Dean

Óbuda University, Budapest (Hungary)
2009-2011
Deputy Head of Institute of Media Technology

Óbuda University, Budapest (Hungary)
2005 – 2009
Adjunct Professor

RESEARCH CAREER

Lawrence Berkeley National Laboratory (USA)
2002 - 2004
Research Fellow, Department of Building Technologies

PRIZES

Dr. Lukács Gyula Emlékdíj 2005

Karl Miescher Preis 1998 (Vienna)
2nd Prize

EDUCATION PROFILE

2004: PhD degree (information technology) – University of Pannonia, Veszprém (Hungary)

1992-1998: MSc (information technology) – University of Pannonia, Veszprém (Hungary)

SELECTED ARTICLES

Á., Borbély

COLORIMETRIC INVESTIGATION OF FALL FOLIAGE

In: Hosam, Bayoumi Hamuda Proceedings Book of 13th ICEEE-2022 International Annual Conference on "Global Environmental Development & Sustainability: Research, Engineering & Management" Budapest: International Council Of Environmental Engineering Education (ICEEE), Óbudai Egyetem (2022) 579 p. pp. 270-275. , 6 p.

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JOURNAL OF GRAPHIC ENGINEERING AND DESIGN 6 pp. 11-14. , 4 p. (2015)

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Quality of Electrophotographic Prints On Foil Substrates

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Á., Borbély ; S.G., Johnson

Performance of phosphor-coated light emitting diode optics in ray-trace simulations

OPTICAL ENGINEERING 44 : 11 (2005)

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Prediction of light extraction efficiency of LEDs by ray trace simulation

In: Ian, T. Ferguson (szerk.) SPIE (The International Society for Optical Engineering): Third International Conference on Solid State Lighting

San Diego (CA), Amerikai Egyesült Államok : SPIE (2004) pp. 301-308. , 8 p.

Borbely, A ; Schanda, J

Colour matching using LEDs as primaries

COLOR RESEARCH AND APPLICATION 29 : 5 pp. 360-364. , 5 p. (2004)

Bodrogi, P ; Sinka, B ; Borbely, A ; Geiger, N ; Schanda, J

On the use of the sRGB colour space: the 'Gamma' problem

DISPLAYS 23 : 4 pp. 165-170. , 6 p. (2002)

Borbely, A ; Samson, A ; Schanda, J

The concept of correlated colour temperature revisited

COLOR RESEARCH AND APPLICATION 26 : 6 pp. 450-457. , 8 p. (2001)