

Životopis

Izv. prof. dr. sc. Jana Žiljak Gršić

pročelnica Informatičko računarskog odjela Tehničkog veleučilišta u Zagrebu

Jana Žiljak Gršić (r. 1972) diplomirala je na 1996. Arhitektonskom fakultetu Sveučilišta u Zagrebu, Studij dizajna. Magisterij znanosti stekla je na Grafičkom fakultetu Sveučilišta u Zagrebu 2005. Na istom fakultetu je doktorirala 2007. u području tehničkih znanosti, polje grafička tehnologija s naslovom disertacije „Modeliranje rasterskih elemenata u stohastičkoj višebojnoj reprodukciji“. Na prijedlog Ministarstva znanosti, obrazovanja i sporta dobila je Državnu nagradu za znanost za 2010. godinu za izniman doprinos razvoju znanosti za otkriće i tehnologiju upravljanja bojilima i informacijama u vizualnom i bliskom infracrvenom spektru pod zaštićenim nazivom Infraredizajn koju dijeli ravnopravno sa suradnicima. Zaposlena je od 2002. na FotoSoft-u, od 2005 na TVZ-u te od 2016. godine i na Sveučilištu Sjever.

Jana Žiljak Gršić (264064) bib.irb.hr

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8th International Design Conference 2004.
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42. Žiljak, Jana; Vančina, Vesna; Agić, Darko; Žiljak, Ivana; Pap, Klaudio.
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Proceedings of the 30th International Research Conference of the International Association of Organizations for the Printing, Information and Communication Industries Zagreb :
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43. Sviličić, Blaž; Žiljak, Jana; Žiljak, Ivana; Morić, Marko.
Microtext Design for Digital Printing Techniques
Proceedings of the 7th International Design Conference 2002. 1-2
44. Sviličić, Blaž; Žiljak-Vujić, Jana; Žiljak, Ivana; Marko, Morić.
Microtext design for digital printing techniques
Proceedings of the 7th International Design Conference Zagreb :
 Faculty of Mechanical Engineering and Naval Architecture, Zagreb The Design Society, Glasgow, 2002. 929-933
45. Žiljak-Vujić, Jana; Pap, Klaudio; Žiljak, Vilko.
VISUAL IDENTITY OF THE INTERNATIONAL CONFERENCE DESIGN 2000
INTERNATIONAL DESIGN CONFERENCE - DESIGN 2000
 Zagreb : CTT - Centre of Technology Transfer, Zagreb ; FSB - Zürich, 2000. 805-810
46. Pap, Klaudio; Žiljak, Vilko; Žiljak, Jana.
Forming a Personal Handwriting for Unicode
Proceedings of the 5th International Design Conference Zagreb : FSB, WDK, CTT, 1998. 396-400

Izdavaštvo - Član uređivačkog odbora

Član uredništva stručno znanstvenog časopisa Polytechnic and Design **Vol. 1** No 1,2,3,4; **Vol.2**, No 1,2,3,4; **Vol 3** No 1,2,3,4; **Vol 4** No 1,2,3,4; **Vol 5** No 1,2,3,4; **Vol 6** No 1,2,3,4;

Znanstveni skupovi

Predsjednica međunarodnog znanstvenog skupa „Tiskarstvo i dizajn“ 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019. godine
Članica organizacijskog odbora DESIGN Conference 2008 Workshop Design of Graphic Media, Dubrovnik, (2008)

Samostalne izložbe iz područja grafičkog dizajna

1995. - Galerija Nova, Zagreb
1996. - Muzejsko galerijski centar, Fortezza, Zagreb
1996. - Knjižnica Marije Jurić Zagorke, Zagreb
1997. - Galerija Knjižnice Ivan Goran Kovačić, Karlovac
2008. - Nacionalna i sveučilišna knjižnica, „New screening“
2013. - Noć muzeja, Mimara, Zagreb
2015. - Galerija Vladimir Filakovac
2017. - Noć muzeja, Mimara, Zagreb

Sudjelovanje na grupnim međunarodnim žiriranim izložbama iz područja grafičkog dizajna

1993. - Modern Zagreb, Copenhagen
1993. - Small and Special International Design Education project, Glasgow
1995. - ZGRAF 7, Zagreb
1996. - Bienale industrijskog oblikovanja 15, Ljubljana
1997. - Biennale mladih Europe, Torino
1997. - Helsinki 2000, Helsinki
1998. - 18. Internacionalni biennale, Brno
1998. - Bienale industrijskog oblikovanja 16, Ljubljana
1999. - Poster Museum, Danska
1999. - ZGRAF 8, Zagreb
2000. - Magdalena, Maribor
2000. - Bienale industrijskog oblikovanja 17, Ljubljana, 134.
2004. - ZGRAF 9, Zagreb, 105.
2004. - Bienale industrijskog oblikovanja 18, Ljubljana, 111.

Sudjelovanje na grupnim domaćim žiriranim izložbama iz područja grafičkog dizajna

1992. - Galerija ULUPH (povodom 750 g. Zlatne Bule), Zagreb
1992. - Zagrebački salon - Studij dizajna, Zagreb
1994. - Zagrebački salon - Studij dizajna, Zagreb
1996. - 24. Salon mladih, Zagreb
1996. - 31. Zagrebački salon, Zagreb
1997. - Stoljeće Hrvatskog dizajna, Zagreb
1998. - Studij dizajna, Klovićevi dvori, Zagreb
1998. - Muzej Sv. Ivan Zelina
1999. - Godišnja izložba hrvatskog dizajna 01, 51.
1999. - Muzej arhitekture, izložba nagrađenih radova, Brenardo Bernardi
2001. - Maske, Maske hrvatskih dizajnera
2002. - 37. Zagrebački Salon,
2003. - Izložba hrvatskog dizajna 03, Gliptoteka, Zagreb, 34.
2004. - Izložba studija dizajna., Gliptoteka, Zagreb, 29. 83.
2019. - Cest is d'Best, IR revija
2020. - 55. zagrebački salon
2020. - Festival umjetničkih zastavica Zagreb

Mentorstva

Doktorska disertacija; (1)
Diplomski radovi na Informatičko računarskom odjelu TVZ-a; (18)
Dodiplomski završni radovi na Informatičko računarskom odjelu TVZ-a; (146)

Projekti

Aktivan projekt: Projekt MZOŠ od 14. siječnja 2019. godine (Class: 910-08/018-01/00454, File No.: 533-03-18-0001) o sudjelovanju (TVZ) na projektu *Techno Past Techno Future; European Researcher's Night*, financiran u sklopu Okvirnoga programa EU-a za istraživanje i inovacije 2014. – 2020. – Obzor 2020., broj ugovora 818748, voditeljica i koordinatorica projektnih aktivnosti na Tehničkom veleučilištu u Zagrebu.

U proteklom razdoblju bila je uključena na 3 znanstvena projekta:

Digitalni sustavi u tiskarstvu, 2001. br. 0128003 i br. 0128009;

Unapređivanje radnih tokova u procesima grafičke reprodukcije, 128-1281957-1956, voditelj Klaudio Pap;

Hrvatska rječnička baština i hrvatski europski identitet, 130-1301679-1380, voditelj Damir Boras

HRZZ, ANTROPOLOŠKO ISTRAŽIVANJE MANJINSKIH RELIGIJA U POVIJESNIM ARHIVIMA HRVATSKE, voditelj Lana Peternel,

Tehnološki projekt pri MZOŠ:

Softverski alati za izradu holografskih prototipova, TP-02/0128-09;

Metoda projektiranja hibridnih konfiguracija tiskarskih tehnologija, TP 02/0128-10, voditelj Darko Agić;

Unapređivanje radnih tokova u procesima grafičke reprodukcije, 128-1281957-1956, voditelj: Klaudio Pap.

Sudjelovanje u projektu „Politehnika 2025“, voditelj: Mladen Mauher

Znanstvene organizacije i stručna društva:

Pročelnica Informatičko računarskog odjela (3 mandata)

Voditeljica stručnog studija informatike (4 mandata)

Predstojnica Zavoda za Informatički dizajn (4 mandata)

Članica Hrvatskog dizajnerskog društva i dopredsjednica (1996-1998)

Član Matičnog povjerenstva za umjetničko područje

Predsjednica Matičnog povjerenstva za umjetničko područje

Razvoj studija

Uvođenje novih predmeta; program i predavanja

„Inovacije u informatici“, izvodi se na Stručnom studiju informatike,

„Teorija i razvoj dizajna“, izvodi se na Stručnom studiju informatike

„Digitalna fotografija“, izvodi se na Stručnom studiju informatike,

„Digitalna forenzika“, izvodi se na Stručnom studiju informatike,

„Inovacije u informatici i računarstvu“, izvodi se na Stručnom studiju računarstva,

„Projektiranje inovacija“, izvodi se na Specijalističkom diplomskom stručnom studiju informatike,

„Digitalni mediji sigurnost i zaštita“ Specijalističkom diplomskom stručnom studiju Informatičke sigurnosti i digitalne forenzike,

Osnovan novi laboratorij

Laboratorij za dizajn - Maclab

Osnovan novi zavod

Zavod za Informatički dizajn

Novi studijski program

Osnovan novi poslijediplomski studij

Diplomski specijalistički studij Informatičke sigurnosti i digitalne forenzike.

Patenti

1. Žiljak, Vilko; Žiljak-Stanimirović, Ivana; Pap, Klaudio; Žiljak-Vujić, Jana.

ZRGB aparatura za dualnu detekciju.

Hrvatski patentni glasnik 2 (2012) 367.

2. Žiljak, Vilko; Žiljak, Ivana; Pap, Klaudio; Žiljak-Vujić, Jana.

Zaštita reprodukcije portreta sa sigurnosnim portretom.

Hrvatski patentni glasnik 18 (2011) 3068.

3. Žiljak, Vilko; Žiljak, Ivana; Pap, Klaudio; Žiljak-Vujić, Jana.

Infracrveni tisak s procesnim bojama.

Hrvatski patentni glasnik 3 (2010) 579.

Nagrade

Državna nagrada za znanost, znanstveno otkriće 2011 godine.

48 nagrada za patente i inovacije: Grand Prix & Gold Medal, Inpex 2010., Pittsburgh; Gold Medal & Best Invention of Europe, Inpex 2011., Pittsburgh), u Europi; u Švicarskoj (Grand Prix of Geneva and Gold Medal, the 37th Salon of Inventions, Innovations and New Products, Geneva 2009.), u Engleskoj (Double Gold, the 9th British International Innovation Show, London, 2009.; Diamond Award & Gold Medal, the 10th British Invention Show & Awards, British Innovation & Technology Show, 2010., London : u Njemačkoj (Gold Medal for Innovation, International Trade Fair "Ideas-Inventions-New Products", IENA 2009, Nurnberg, 2009.); u Rusiji (Gold medal, The 12th International Salon of Industrial Property "Arhimed 2009", Gold medal, The 14th International Salon of Industrial Property "Arhimed2011", Moskva, 2011.), u Indiji (NAEP 2010. - National Awards for Excellence in Printing, All India Federation of Master Printers, 2010., Indija), Maleziji (The Best Invention, Gold Medal MTE - Malaysia Technology Expo, & Malaysian Association of Research Scientists, Kuala Lumpur, 2010.; Gold Medal, Malaysian association of research scientists, Kuala Lumpur, MTE - Malaysia Technology EXPO, 2011.), Južnoj Koreji (Zlatna medalja, Grand Award for the ingenious invention te jedna specijalna nagrada, Korea Cyber Internatinal Genius Inventor Fair 2011, Seoul, Korea, 2011.), Tajvanu (Special award for creative innovation from Taiwan Invention Association, 2009. Taipei International Invention Show & Technomart, Taipei, Taiwan, 2009.; INST 2011 - Taipei International Invention Show & Technomart Specijalna Nagrada i Zlatno odličje). Specijalna nagrada MARS 2013, Kuala Lumpur, Malezija; Zlatna medalja ARHIMED 2013, Moskva; Nagrada za Najbolju Europsku inovaciju INPEX 2013, USA i Zlatna medalja u kategoriji "Office Supplies & Stationery" za "IRDMark method to protect document and postal stamps printouts"; INST 2013 Taipei International Invention Show & Technomart, Platinasta nagrada.