

# Iztok Fister Jr.

*Curriculum Vitae* (Last update: May 11, 2014)

## Personal details

Full name: *Iztok Fister Jr.*

Birth date: *15.4.1989, Murska Sobota*

Nationality: *Slovenian*

Current Residence: *Bakovci, Municipality of Murska Sobota, Slovenia*

Residence:

Affiliation *University of Maribor, Faculty of Electrical Engineering and Computer Science*

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## Education

2013– **Ph.D student (Computer Science)**, *University of Maribor.*

2011–2013 **Master in Computer Science and Information Technologies**, *University of Maribor.*

2008–2011 **Bachelor in Computer Science and Information Technologies**, *University of Maribor.*

2004–2008 **Grammar School**, *Gimnazija Franca Miklošiča Ljutomer.*

1996–2004 **Primary School**, *Osnovna šola Bakovci.*

## Masters Thesis

Title *A comprehensive review of bat algorithms and their hybridization*

Supervisors *Dr. Marjan Mernik & Dr. Xin-She Yang*

Description This thesis encompassed an overview of swarm intelligence algorithms. The main part of the thesis was focused on the bat algorithm, which is one of the newest algorithms. A comprehensive review was done on this algorithm. Moreover, novel hybridizations were proposed.

## Bachelors Thesis

Title *Domain-specific language for time measuring on sport competitions*

Supervisors *Dr. Marjan Mernik & Dr. Barrett R. Bryant*

Description This thesis dealt with the problem of measuring time at sporting competitions. To cope with problems regarding the automatic measuring of time, a new domain-specific language was developed. This domain-specific language helps organizers to decrease the number of measuring devices. In addition, organizers can quickly adapt to the requirements of different competitions.

## Primary and grammar school awards

- 22.6.2007 3rd place at chess tournament of Gimnazija Ljutomer
- 15.3.2007 Bronze Award on 51. Mathematics competition of Slovenian secondary schools
- 15.6.2004 Recognition Award for successful work on the sports section
- 15.6.2004 Recognition Award for successful work in aircraft modelling
- 15.6.2004 Special Award of Municipality of Murska Sobota for Excellent success in Primary School
- 15.6.2004 Distinction Award (8th grade)
- 2004 Bronze Ivan Cankar Award for school competition in Slovene language
- 24.6.2003 Distinction Award (7th grade)
- 20.3.2003 Bronze Award for mathematics achievements (Vegovo priznanje)
- Junij 2003 1st prize for the best essay for an essay competition "Water is the source of life"
- 21.6.2002 Distinction Award (6th grade)
- 22.5.2001 Recognition award for competition for German language badge - Epi Lesepreis
- 22.6.2001 Distinction Award (5th grade)
- 18.5.2001 Recognition Award for participation at the regional Championship of Young Technicians of the Pomurje Region - spaceship category (S4 category)
- 15.3.2001 Bronze Award for mathematics achievements (Vegovo priznanje)
- 27.5.2000 Recognition Award for participation at the regional Championship of Young Technicians of the Pomurje Region - (S3 category)
- 23.6.2000 Distinction Award (4th grade)
- 15.6.2000 Bronze Award for mathematics achievements (Vegovo priznanje)
- 24.5.2000 Golden Award for mathematics achievements (Računanje je igra 7)
- 23.6.2000 Silver Dolphin (Radenci)
- 2000 Class Award Vesela šola
- April 1999 Bronze award in school competition Veš?Vem!
- 24.6.1999 Distinction Award (3rd grade)
- 3.6.1999 Golden Award for mathematics achievements (Računanje je igra 3)
- 1999 Award for 2nd place at chess tournament (3. grade)
- 24.6.1999 Acknowledgement for participation at cross country skiing competitions on Pokljuka
- 24.6.1998 Distinction Award (2nd grade)
- 24.6.1998 Bronze Award for mathematics achievements (Vegovo priznanje)
- 24.6.1998 Golden Award for mathematics achievements (Računanje je igra 2)
- 1998 Silver Dolphin - Debeli Rtič
- 24.6.1997 Distinction Award (1st grade)
- 28.5.1997 Award for mathematics achievements (Računanje je igra)
- 1997 3rd place at chess competition (young division) (Primary School)

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## Experience

### Vocational

2013–Present **Technical staff**, UNIVERSITY OF MARIBOR, FACULTY OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, Maribor.

Working relationship started on 1. July. The main responsibilities are pedagogical, research and technical.

For pedagogical responsibilities I am technical assistant for the next courses:

- Programming 1 (1st grade; University level),
- Computer architecture (2nd grade; University level)

2013 **Student Work**, ALMA MATER EUROPAEA, Murska Sobota & Maribor.

This work started in the beginning of April and finished at the end of July. It encompassed web design, system administration, programming, student training and also software maintenance.

2013 **Student Work**, UNIVERSITY OF MARIBOR, FACULTY OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, Maribor.

Demonstator at the course Practicum (3rd grade, University level).

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## Awards

- 2013 Pomurec leta 2013 award (4th place) - It is a regional award for special achievements in improving regional distinction. Monthly winners participate in the end of the year in the final voting.
- 2013 Pomurec meseca award (June) - It is a regional award for special achievements in improving regional distinction. Every month three candidates are announced and then people can vote through newspapers, radio, and mobile phones. I won voting in June 2013.
- 2013 Best student at the University of Maribor award (650EUR) - University of Maribor in collaboration with Elektro Maribor chosen the best student amongst all the faculties. I won this title and became the best student at the University.
- 2011 Andrej Perlach award (500EUR) - This prize was for special research results and for the best B.Sc thesis in technical studies at the University of Maribor.
- 2010 FERl award - This prize was for special research and outstanding results at the Faculty of Electrical Engineering and Computer Science Maribor.
- 2010 Student paper contest - Slovenian IEEE section - Victory at the competition of student papers at IEEE ERK, Portorož.
- 2009-2013 ZoIs scholarships for talented students (awarded by the Slovenian Ministry of Education)

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## Computer skills

Operating systems Unix (FreeBSD, NetBSD, OpenBSD, DragonflyBSD, Solaris), Linux (Many distributions), Minix, Microsoft Windows

Programming languages PYTHON, C/C++, RUBY, JAVA, PHP, PERL

## Languages

Slovene **Mother tongue**

English **Excellent**

German **Intermediate**

*Good enough to understand and use for conversation*

## Interests

- Ultramarathon
- Ultratriathlon
- Extreme climbing
- Ultracycling
- Actually, everything that is extreme or ultra.

## Conference programme committee

2014 **5th Workshop COMS2014 at ICCS 2014**

*Cairns (Australia)*

2013 **4th Workshop COMS2013 at ICCS 2013**

*Barcelona (Spain)*

## Professional activities & service

2013 - **International Consortium for Optimization and Modelling in Science and Industry**, General secretary and web administrator

## The main sport competitions

### Double ultra triathlon (7.6km/360km/84.4km)

2. **IUTA World Cup Race Double Ultra Triathlon, Slovenia, 2012** *DNF - 42 km to the finish line | medical problems*
1. **IUTA World Cup Race Double Ultra Triathlon, Slovenia, 2011** *DNF - 40.5 km to the finish line | medical problem*

### Long distance triathlon (3.8km/180km/42.2km)

3. **IRONMAN Copenhagen 2013** *11:29:13*
2. **IRONMAN Austria 2010** *11:41:15*
1. **IRONMAN France 2009** *12:26:49*

### Middle distance triathlon (1.9km/90km/21.1km)

15. **IRONMAN 70.3 Putrajaya 2014** *6:25:45*
14. **IRONMAN 70.3 Austria 2013** *4:12:28*

13.	<b>Austrian 1/2 IRON Triathlon 2013</b>	4:29:22
12.	<b>Austrian 1/2 IRON Triathlon 2012</b>	4:24:02
11.	<b>IRONMAN 70.3 Singapore 2012</b>	5:03:53
10.	<b>Loveman Bled 2011</b>	4:46:31
9.	<b>Austrian 1/2 IRON Triathlon 2011</b>	4:20:51   1st Place U23
8.	<b>IRONMAN 70.3 Singapore 2011</b>	4:47:32
7.	<b>Loveman Bled 2010</b>	04:28:52
6.	<b>IRONMAN 70.3 Germany 2010</b>	04:57:10
5.	<b>IRONMAN 70.3 Austria 2010</b>	5:03:33
4.	<b>IRONMAN 70.3 Singapore 2010</b>	4:50:50   3th place in 18-24AG
3.	<b>IRONMAN 70.3 Austria 2009</b>	4:58:52
2.	<b>IRONMAN 70.3 Monaco 2008</b>	5:25:38
1.	<b>IRONMAN 70.3 Germany 2008</b>	5:13:49

### Ultramarathon

2.	<b>3. Essence SF ULTRA MARATHON "DRAGA PARENZANA", 64 km, 8.3.2014</b>	7:52:12
1.	<b>8. SF ULTRA promo MARATHON ISTRA, 53.8 km, 15.12.2013</b>	5:24:18

### Marathon

3.	<b>20. Maratona di Roma 2014</b>	3:57:19
2.	<b>32. Maraton treh src 2012</b>	3:01:09
1.	<b>28. Maraton treh src 2008</b>	3:25:42   National champion in marathon(Junior)

### Half marathon

10.	<b>4. Eko maraton Maribor 2013</b>	1:25:05
9.	<b>12. Ormoški mali maraton 2013</b>	1:24:20
8.	<b>Mali Kraški maraton 2013</b>	1:25:26
7.	<b>3. Eko maraton Maribor 2012</b>	1:19:48
6.	<b>30. Maraton treh src Radenci 2010</b>	1:19:21
5.	<b>Graz - Mur Halbmarathon 2009</b>	1:23:42
4.	<b>Mali Kraški maraton 2009</b>	1:27:14
3.	<b>13. Ljubljanski maraton 2007</b>	1:22:08
2.	<b>Bratislava marathon 2008</b>	1:25:01
1.	<b>12. Ljubljanski maraton 2007</b>	1:27:37

### European and world championship titles

6.	<b>European championships in Crosstriathlon 2011 (Hungary)</b>	1. Place AG18-24
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5. **European Championships in Powerman 2010 (The Netherlands)**      2. *Place AG*
4. **World championships in Wintertriathlon 2010 (Norway)**      1. *Place AG18-24*
3. **European championships in Wintertriathlon 2010 (Norway)**      1. *Place AG18-24*
2. **World championships in Wintertriathlon 2009 (Austria)**      3. *Place AG18-24*
1. **European championships in Wintertriathlon 2009 (Slovakia)**      2. *Place AG18-24*

 [Complete bibliography](#)

# ARTICLES AND OTHER COMPONENT PARTS

## 1.01 Original scientific article

1. FISTER, Iztok, YANG, Xin-She, LJUBIČ, Karin, FISTER, Dušan, BREST, Janez, FISTER, Iztok. Towards the novel reasoning among particles in PSO by the use of RDF and SPARQL. *The Scientific World Journal*, ISSN 1537-744X, Published 27 March 2014, str. 1-10. <http://www.hindawi.com/journals/tswj/2014/121782/>, doi: [10.1155/2014/121782](https://doi.org/10.1155/2014/121782). [COBISS.SI-ID [17727254](#)]
2. FISTER, Iztok, FONG, Simon, BREST, Janez, FISTER, Iztok. A novel hybrid self-adaptive bat algorithm. *The Scientific World Journal*, ISSN 1537-744X, 2014, iD 709738, str. 1-12, doi: [10.1155/2014/709738](https://doi.org/10.1155/2014/709738). [COBISS.SI-ID [17789206](#)]
3. LJUBIČ, Karin, FISTER, Iztok, FISTER, Iztok. Immune systems in computer science = Imunski sistemi v računalništvu. *Anali PAZU*, ISSN 2232-416X, 2013, letn. 3, št. 1, str. 9-15. [COBISS.SI-ID [17384982](#)]
4. FONG, Simon, ZHUANG, Yan, FISTER, Iztok, FISTER, Iztok. A biometric authentication model using hand gesture images. *BioMedical engineering online*, ISSN 1475-925X, Publication date 30 Oct. 2013, vol. 12, no. 111, str. 1-26, doi: [10.1186/1475-925X-12-111](https://doi.org/10.1186/1475-925X-12-111). [COBISS.SI-ID [17279254](#)]
5. FISTER, Iztok, FISTER, Dušan, YANG, Xin-She. A hybrid bat algorithm. *Elektrotehniški vestnik*, ISSN 2232-3228. [English print ed.], 2013, vol. 80, št. 1-2, str. 1-7. [COBISS.SI-ID [17010966](#)]
6. FISTER, Iztok, YANG, Xin-She, BREST, Janez, FISTER, Iztok. Modified firefly algorithm using quaternion representation. *Expert systems with applications*, ISSN 0957-4174. [Print ed.], Dec. 2013, vol. 40, iss. 18, str. 7220-7230, doi: [10.1016/j.eswa.2013.06.070](https://doi.org/10.1016/j.eswa.2013.06.070). [COBISS.SI-ID [17010710](#)]
7. FISTER, Iztok, KOSAR, Tomaž, FISTER, Iztok, MERNIK, Marjan. Easytime++ : a case study of incremental domain-specific language development. *Informacinės technologijos ir valdymas*, ISSN 1392-124X, 2013, vol. 42, no. 1, str. 77-85. [COBISS.SI-ID [16746518](#)]
8. FISTER, Iztok, FISTER, Dušan, FONG, Simon, FISTER, Iztok. Widespread mobile devices in applications for real-time drafting detection in triathlons. *Journal of emerging technologies in web intelligence*, ISSN 1798-0461, 2013, vol. 5, no. 3, str. 310-321, doi: [10.4304/jetwi.5.3.310-321](https://doi.org/10.4304/jetwi.5.3.310-321). [COBISS.SI-ID [17116182](#)]
9. FISTER, Iztok, MERNIK, Marjan, FISTER, Iztok, HRNČIČ, Dejan. Implementation of EasyTime formal semantics using a LISA compiler generator. *Computer Science and Information Systems*, ISSN 1820-0214, Sep. 2012, vol. 9, no. 3, str. 1019-1044, doi: [10.2298/CSIS111110021F](https://doi.org/10.2298/CSIS111110021F). [COBISS.SI-ID [16059414](#)]
10. FISTER, Iztok, FISTER, Iztok, BREST, Janez. A hybrid artificial bee colony algorithm for graph 3-coloring. V: RUTKOWSKI, Leszek (ur.). *Swarm and evolutionary computation : proceedings*, (Lecture notes in computer science, ISSN 0302-9743, 7269). Heidelberg ... [et al.]: Springer, cop. 2012, str. 66-74, ilustr. [COBISS.SI-ID [15979286](#)]  
tipologija 1.08 -> 1.01
11. FISTER, Iztok, FISTER, Iztok, MERNIK, Marjan, BREST, Janez. Design and implementation of domain-specific language easytime. *Computer languages, systems & structures*, ISSN 1477-8424, Oct. 2011, vol. 37, iss. 4, str. 151-167, doi: [10.1016/j.cl.2011.04.001](https://doi.org/10.1016/j.cl.2011.04.001). [COBISS.SI-ID [14934550](#)]
12. FISTER, Iztok, FISTER, Iztok. Merjenje časa na športnih tekmovanjih z domensko specifičnim jezikom EasyTime. *Elektrotehniški vestnik*, ISSN 0013-5852. [Slovenska tiskana izd.], 2011, letn. 78, št. 1/2, str. 37-41. [COBISS.SI-ID [7174707](#)]
13. FISTER, Iztok, FISTER, Iztok. Koncept sistema za odkrivanje vožnje v zavetrju na triatlonih Ironman. *Elektrotehniški vestnik*, ISSN 0013-5852. [Slovenska tiskana izd.], 2011, letn. 78, št. 4, str. 217-222. [COBISS.SI-ID [262326784](#)]
14. FISTER, Iztok, FISTER, Iztok. Measuring time in sporting competitions with the domain-specific language easy time. *Elektrotehniški vestnik*, ISSN 2232-3228. [English print ed.], 2011, vol. 78, no. 1-2, str. 36-41, ilustr. [COBISS.SI-ID [16264982](#)]
15. FISTER, Iztok, FISTER, Iztok. Concept of drafting detection system in Ironmans. *Elektrotehniški vestnik*, ISSN 2232-3228. [English print ed.], 2011, vol. 78, no. 4, str. 218-222, ilustr. [COBISS.SI-ID [15613974](#)]

## 1.02 Review article

16. LJUBIČ, Karin, FISTER, Iztok, FISTER, Iztok. Congenital central hypoventilation syndrome : A comprehensive review and future challenges. *Journal of Respiratory Medicine (Online)*, ISSN 2314-6958, 2014, vol. 2014, str. 1-8. <http://www.hindawi.com/journals/jrm/2014/856149/>. [COBISS.SI-ID [17553430](#)]
17. FISTER, Iztok, YANG, Xin-She, FISTER, Iztok, BREST, Janez, FISTER, Dušan. A brief review of nature-inspired algorithms for optimization = Kratki pregled algoritmov po vzoru iz narave za optimizacijo. *Elektrotehniški vestnik*, ISSN

0013-5852. [Slovenska tiskana izd.], 2013, vol. 80, no. 3, str. 116-122. [COBISS.SI-ID [17257238](#)]

18. FISTER, Iztok, FISTER, Dušan, FISTER, Iztok. A comprehensive review of cuckoo search : variants and hybrids. *International journal of mathematical modelling and numerical optimisation*, ISSN 2040-3615, 2013, vol. 4, no. 4, str. 387-409. [COBISS.SI-ID [17560598](#)]

19. FISTER, Iztok, FISTER, Iztok, YANG, Xin-She, BREST, Janez. A comprehensive review of firefly algorithms. *Swarm and evolutionary computation*, ISSN 2210-6502, Dec. 2013, vol. 13, str. 34-46, doi: [10.1016/j.swevo.2013.06.001](#). [COBISS.SI-ID [17010454](#)]

## 1.04 Professional article

20. LJUBIČ, Karin, FISTER, Iztok. DNK kot nosilec informacij. *Življenje in tehnika*, ISSN 0514-017X, 2014, letn. 65, [št.] 2, str. [50]-54, ilustr. [COBISS.SI-ID [17727510](#)]

## 1.05 Popular article

21. LJUBIČ, Karin, FISTER, Iztok. Uporaba robotike v kirurgiji očesa. *Življenje in tehnika*, ISSN 0514-017X, 2013, letn. 64, [št.] 12, str. [44]-50, ilustr. [COBISS.SI-ID [17405206](#)]

## 1.08 Published scientific conference contribution

22. LJUBIČ, Karin, FISTER, Iztok, FISTER, Iztok. Night time management of cchs patients. V: CIPOLLA-FICARRA, Francisco Vicente (ur.), VERBER, Domen (ur.), NOVAK, Bojan (ur.). *MSIVISM 2014 : proceedings*. Bergamo: Blue Herons, 2014, str. 35-44, ilustr. [COBISS.SI-ID [17560086](#)]

23. LJUBIČ, Karin, FISTER, Iztok. How to store Wikipedia into a forest tree : initial idea. V: CIPOLLA-FICARRA, Francisco Vicente (ur.), VERBER, Domen (ur.), NOVAK, Bojan (ur.). *MSIVISM 2014 : proceedings*. Bergamo: Blue Herons, 2014, str. 45-52, ilustr. [COBISS.SI-ID [17559830](#)]

24. FISTER, Iztok, FISTER, Dušan, MLAKAR, Uroš, LJUBIČ, Karin, BREST, Janez, FISTER, Iztok. Netopirji, kresnice in kukavice pri obdelavi slik. V: POTOČNIK, Božidar (ur.). *ROSUS 2014 : računalniška obdelava slik in njena uporaba v Sloveniji 2014 : zbornik 9. strokovne konference, Maribor, 20. marec 2014*. Maribor: Fakulteta za elektrotehniko, računalništvo in informatiko, Inštitut za računalništvo, 2014, str. 22-33. [COBISS.SI-ID [17704470](#)]

25. FISTER, Iztok, FISTER, Dušan, FISTER, Iztok. Differential evolution strategies with random forest regression in the bat algorithm. V: *GECCO '13 : proceeding of the Fifteenth Annual Conference on Genetic and Evolutionary Computation Conference, Amsterdam, Netherlands, July 06-10, 2013*. New York: ACM, 2013, str. 1703-1706, doi: [10.1145/2464576.2482757](#). [COBISS.SI-ID [17043990](#)]

26. FISTER, Iztok, FISTER, Iztok, FISTER, Dušan, FONG, Simon. Data mining in sporting activities created by sports trackers. V: 2013 International symposium on computational and business intelligence. *ISCBI 2013*. [S. l.: IEEE, cop. 2013, str. 88-91, doi: [10.1109/ISCBI.2013.25](#). [COBISS.SI-ID [17403158](#)]

27. FISTER, Iztok, FISTER, Iztok, BREST, Janez. Comparing various regression methods on ensemble strategies in differential evolution. V: 19th International Conference on Soft Computing, June 26-28 Brno, 2013, Czech Republic. *Mendel 2013 : evolutionary computation, genetic programming, swarm intelligence, fuzzy logic, neural networks, fractals, Bayesian methods*, (Mendel ... (Brno, Print), ISSN 1803-3814). Brno: Brno University of Technology, Faculty of Mechanical Engineering, Institute of Automation and Computer Science, 2013, str. 87-92. [COBISS.SI-ID [16987414](#)]

28. FISTER, Iztok, FISTER, Iztok, BREST, Janez, YANG, Xin-She. Memetic firefly algorithm for combinatorial optimization. V: FILIPIČ, Bogdan (ur.), ŠILC, Jurij (ur.). *Bioinspired optimization methods and their applications : proceedings of the Fifth International Conference on Bioinspired Optimization Methods and their Applications - BIOMA 2012, 24-25 May 2012, Bohinj, Slovenia*. Ljubljana: Jožef Stefan Institute, 2012, str. 75-86. [COBISS.SI-ID [16029206](#)]

29. FISTER, Iztok, FISTER, Iztok, BREST, Janez, ŽUMER, Viljem. Memetic artificial bee colony algorithm for large-scale global optimization. V: IEEE World Congress on Computational Intelligence, Brisbane, Australia. *IEEE WCCI 2012*. [S. l.: IEEE, 2012], IEEE CEC, str. 3038-3045. [COBISS.SI-ID [16116246](#)]

30. FISTER, Iztok, KOSAR, Tomaž, MERNIK, Marjan, FISTER, Iztok. Upgrading EasyTime : from a textual to a visual language. V: ZAJC, Baldomir (ur.), TROST, Andrej (ur.). *Zbornik enaindvajsete mednarodne Elektrotehniške in računalniške konference ERK 2012, 17.-19. september 2012, Portorož, Slovenija*, (Zbornik ... Elektrotehniške in računalniške konference ERK ..., ISSN 1581-4572). Ljubljana: IEEE Region 8, Slovenska sekcija IEEE, 2012, zv. B, str. 7-10, ilustr. [COBISS.SI-ID [16304406](#)]



31. FISTER, Iztok, MERNIK, Marjan, FISTER, Iztok, HRNČIČ, Dejan. Implementation of the domain-specific language easytime using a LISA compiler generator. V: GANZHA, Maria (ur.), MACIASZEK, Leszek (ur.), PAPRZYCKI, Marcin (ur.). *FedCSIS : proceedings of the Federated Conference on Computer Science and Information Systems, September 18-21, 2011, Szczecin, Poland*. Los Alamitos: IEEE Computer Society Press, 2011, str. 809-816, ilustr. [COBISS.SI-ID [15388694](#)]

32. FISTER, Iztok, FISTER, Iztok, BREST, Janez, BOŠKOVIČ, Borko. Odkrivanje vožnje v zavetrju na triatlonskih tekmovanjih : stvarnost ali iluzija = Detecting of draft in triathlon competitions : reality or illusion. V: ZAJC, Baldomir (ur.), TROST, Andrej (ur.). *Zbornik dvajsete mednarodne Elektrotehniške in računalniške konference ERK 2011, 19.-21. september 2011, Portorož, Slovenija*, (Zbornik ... Elektrotehniške in računalniške konference ERK ..., ISSN 1581-4572). Ljubljana: IEEE Region 8, Slovenska sekcija IEEE, 2011, zv. B, str. 111-114. [COBISS.SI-ID [15358486](#)]

## 1.12 Published scientific conference contribution abstract

33. LJUBIČ, Karin, FISTER, Iztok, FISTER, Iztok. Aplikacije imunskih sistemov v računalništvo. V: DROBEŽ, Jernej (ur.). *ŠMRK : [zbornik prispevkov]*, (Medicinski razgledi, ISSN 0353-3484, Supplement, letn. 53,1). Ljubljana: Medicinski razgledi, 2014, letnik 53, suppl. 1, str. 119. [COBISS.SI-ID [17521686](#)]

34. FISTER, Iztok, BREST, Janez, FISTER, Iztok, LJUBIČ, Karin. Algoritmi po vzorih narave. V: 11. znanstvena konferenca Pomurske Akademsko Znanstvene Unije, PAZU, Murska Sobota, 29. in 30. november 2013. SLAVINEC, Mitja (ur.). *Pomurska akademija Pomurju : zdravo Pomurje za zdrav razvoj : (zbornik povzetkov)*. 1. izd. Murska Sobota: Združenje Pomurska akademsko znanstvena unija, 2013, str. 13. [COBISS.SI-ID [17368342](#)]

35. FISTER, Iztok, BREST, Janez. Uporaba regresijskih metod v diferencialni evoluciji. V: ZAJC, Baldomir (ur.), TROST, Andrej (ur.). *Zbornik dvaindvajsete mednarodne Elektrotehniške in računalniške konference ERK 2013, 16.-18. september 2013, Portorož, Slovenija*, (Zbornik ... Elektrotehniške in računalniške konference ERK ..., ISSN 1581-4572). Ljubljana: IEEE Region 8, Slovenska sekcija IEEE, 2013, zv. B, str. 215-216. [COBISS.SI-ID [17180694](#)]

36. FISTER, Dušan, KRAMBERGER, Janez, DUGONIK, Jani, FISTER, Iztok. Mobilna navigacija za športne pilote. V: ZAJC, Baldomir (ur.), TROST, Andrej (ur.). *Zbornik dvaindvajsete mednarodne Elektrotehniške in računalniške konference ERK 2013, 16.-18. september 2013, Portorož, Slovenija*, (Zbornik ... Elektrotehniške in računalniške konference ERK ..., ISSN 1581-4572). Ljubljana: IEEE Region 8, Slovenska sekcija IEEE, 2013, zv. B, str. 217-218. [COBISS.SI-ID [17181206](#)]

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## 1.16 Independent scientific component part or a chapter in a monograph

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62. FISTER, Iztok. *Advanced programming in Python : invited talk of visiting researcher at the Escuela de Caminos, Canales y Puertos of the University of Cantabria (2 hours)*, on January 23, 2014, Santander. 2014. [COBISS.SI-ID [17520150](#)]
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