

## Profesijný životopis

<b>Meno a priezvisko, rodné priezvisko, titul</b>	Mária Gamcová, Ing. PhD.
<b>Dátum a miesto narodenia</b>	1965, Rožňava
<b>Vysokoškolské vzdelanie a ďalší akademický rast</b>	<p>Vysokoškolské vzdelanie III. stupňa:</p> <p>1998-2005, Fakulta elektrotechniky a informatiky, Technická univerzita v Košiciach, vedný odbor 26-27-9 telekomunikácie</p> <p>Vysokoškolské vzdelanie II. stupňa:</p> <p>1984-1989, Elektrotechnická fakulta, Vysoká škola technická v Košiciach, študijný odbor 26-07-8 Rádioelektronika</p>
<b>Ďalšie vzdelávanie</b>	2007 - International Academy for Leadership Friedrich Naumann Stiftung Für die Freiheit, Germany, Gummersbach
<b>Priebeh zamestnaní</b>	<p>2015- súčasnosť Prodekanka pre propagáciu fakulty a zahraničné vzťahy, Fakulta elektrotechniky a informatiky, Technická univerzita v Košiciach</p> <p>1991-2014 odborná asistentka, Katedra elektroniky a multimediálnych telekomunikácií, Fakulta elektrotechniky a informatiky, Technická univerzita v Košiciach</p> <p>1989-1990 asistentka, Katedra teoretickej elektrotechniky a techniky obvodov, Elektrotechnická fakulta, Vysoká škola technická v Košiciach</p>
<b>Priebeh pedagogickej činnosti (pracovisko/predmety)</b>	<p>Katedra teoretickej elektrotechniky a techniky obvodov EF VŠT v Košiciach</p> <p>Cvičenia z predmetu: Teoretická elektrotechnika I.</p> <p>Katedra elektroniky a multimediálnych telekomunikácií FEI TU v Košiciach</p> <p>Cvičenia z predmetov:</p> <ol style="list-style-type: none"> <li>1. Elektronické prvky</li> <li>2. Basic of Electronics (výučba v AJ)</li> <li>3. Signály a sústavy</li> <li>4. Základy elektroniky</li> <li>5. Analógové obvody</li> <li>6. Teória obvodov</li> <li>7. Mikrovlnové obvody a sústavy</li> <li>8. Vysokofrekvenčná a mikrovlnová technika</li> <li>9. Elektronika I.</li> </ol> <p>Prednášky z predmetov:</p> <ol style="list-style-type: none"> <li>1. Analógové obvody</li> <li>2. Teória obvodov</li> <li>3. Elektronika I.</li> </ol>

<b>Odborné alebo umelecké zameranie</b>	Spracovanie signálov, UWB radary, modelovanie a simulácia obvodov pomocou PSPICE, multimediálne e-learningové technológie
<b>Publikačná činnosť vrátane rozsahu (autorské hárky) a kategórie evidencie (napr. AAB, podľa vyhlášky MŠVVaŠ SR č. 456/2012 Z.z.)</b> <b>1. monografie</b> <b>2. učebnice</b> <b>3. skriptá</b>	<p><b>1. AAB - Vedecké monografie vydané v domácich vydavateľstvách (4):</b></p> <p>AAB001 [123818] <b>UWB bezdrôtové senzorové siete</b> / Dušan Kocur ... [et al.] - [1. vyd.] - Košice : TU - 2012. - 120 s. [CD-ROM]. - ISBN 987-80-553-0918-7.          [KOCUR, Dušan - GAMEC, Ján - GAMCOVÁ, Mária - FORTES, Jana - URDŽÍK, Daniel]</p> <p>AAB002 [137151] <b>Filtrácia zašumených vektorov pohybu</b> / Ján Gamec, Mária Gamcová - 1. vyd. - Košice : TU - 2013. - 78 s. [CD-ROM]. - ISBN 978-80-553-1477-8.          [GAMEC, Ján - GAMCOVÁ, Mária]</p> <p>AAB003 [157335] <b>UWB senzorové systémy</b> / Dušan Kocur ... [et al.] - 1. vyd. - Košice : TU - 2015. - 172 s. [CD-ROM]. - ISBN 978-80-553-1935-3.          Spôsob prístupu:  <a href="https://moodle.tuke.sk/moodle202/course/view.php?id=213">https://moodle.tuke.sk/moodle202/course/view.php?id=213</a>.          [KOCUR, Dušan - GAMEC, Ján - GAMCOVÁ, Mária - FORTES, Jana - URDŽÍK, Daniel]</p> <p>AAB004 [175970] <b>Detekcia, lokalizácia a sledovanie osôb UWB radarmi krátkeho dosahu</b> / Dušan Kocur ... [et al.] - 1. vyd - Košice : Technická univerzita - 2016. - 229 s.. - ISBN 978-80-553-2648-1.          [KOCUR, Dušan - BUŠA, Ján - FORTES, Jana - GAMCOVÁ, Mária - GAMEC, Ján - NOVÁK, Daniel - PLAVKA, Ján - SCHNEIDER, Ján - ŠVECOVÁ, Mária - URDŽÍK, Daniel]</p> <p><b>2. ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách (3):</b></p> <p>ACB001 [114974] <b>Smithov diagram</b> riešené príklady/ Ján Gamec, Mária Gamcová, Ján Micák - Košice : TU - 2011. - 65 s.. - ISBN 978-80-553-0775-6.          [GAMEC, Ján - GAMCOVÁ, Mária - MICÁK, Ján]</p> <p>ACB002 [147523] <b>Multimedia Course Basic of Electronics - Problem Solvers</b> / Mária Gamcová, Ján Gamec - 1. vyd. - Košice : TU - 2014. - 85 s. [CD-ROM]. - ISBN 978-80-553-1718-2.          [GAMCOVÁ, Mária - GAMEC, Ján]</p> <p>ACB003 [148259] <b>CAN a CANoe</b> / Ján Gamec, Mária Gamcová - 1. vyd - Košice : TU - 2014. - 69 s. [CD ROM]. - ISBN 978-80-553-1734-2.          [GAMEC, Ján - GAMCOVÁ, Mária]</p> <p><b>3. BCI - Skriptá a učebné texty(1)</b></p> <p>BCI001 [162262] <b>Základy elektroniky</b> / Mária Gamcová, Pavol Galajda - 1. vyd. - Košice : Technická univerzita - 2015. - 404 s. [CD-ROM]. - ISBN 978-80-553-1985-8.          [GALAJDA, Pavol - GAMCOVÁ, Mária]</p>

**Ohlasy na  
vedeckú/umeleckú  
prácu**

ADE002 [31195] **Higher efficiency of motion estimation methods** / Mária Gamcová, Stanislav Marchevský, Ján Gamec - 2004. In: Radioengineering. Vol. 13, no. 4 (2004), p. 38-43. - ISSN 1210-2512 Spôsob prístupu: <http://www.feec.vutbr.cz/UREL/ra2005>.

[GAMCOVÁ, Mária - MARCHEVSKÝ, Stanislav - GAMEC, Ján]

**Ohlasy:**

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2006 [3] IVANKA, J.: Algoritmy blokové podobnosti pro estimace pohybu v digitálních obrazech. In: DIAGON 2006. Zlín, Universita Tomáše Bati ve Zlíne 2006. P. 112-117. ISBN 80-7318-410-9.

2006 [3] ČANDÍK, M.: Simulace zpětnovazebních kamerových systému. In: DIAGON 2006. Zlín, Universita Tomáše Bati ve Zlíne 2006. P. 95-100. ISBN 80-7318-410-9.

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ADE005 [104588] **Imaging method: An efficient algorithm for moving target tracking by UWB radar** / Dusan Kocur ... [et al.] - 2010. In: Acta Polytechnica Hungarica. Vol. 7, no. 3 (2010), p. 5-24. - ISSN 1785-8860 Spôsob prístupu: <http://bmf.hu/journal>.

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[GAMEC, Ján - GAMCOVÁ, Mária - URZIK, Daniel]

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AEF001 [0014668] **Some aspects of UMTS and B-ISDNATM integration** / Ľubomír Doboš, Jozef Juhár, Mária Gamcová - 2000.In: Telekomunikácie 2000. - Bratislava : Adapt, 2000 S. 94-97. - ISBN 8096804278 [DOBOŠ, Ľubomír - JUHÁR, Jozef - GAMCOVÁ, Mária]

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[KOCUR, Dušan - GAMEC, Ján - ŠVECOVÁ, Mária - GAMCOVÁ, Mária - FORTES, Jana]  
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AFC003 [89462] **Driving space detection based on color segmentation / Ján Gamec ... [et al.]** - 2009.In: AEI '2009 : medzinárodná konferencia : Genoa, 7.-11.9.2009. - Košice : FEI TU, 2009 P. 10-13. - ISBN 9788055302805  
[GAMEC, Ján - URDŽÍK, Daniel - MARCHEVSKÝ, Stanislav - GAMCOVÁ, Mária - LEVICKÝ, Dušan]  
**Ohlasy:**

2010 [2] URDŽÍK, D. et al.: Detection of driving space using Vanishing point estimation. In: SAMI 2010 : 8th international symposium on applied machine intelligence and informatics : Herľany, 28-30 january 2010. [s.l.] : IEEE, 2010. P. 323-328. ISBN 978-142446424-1.

AFD001 [93486] **Imaging method: a strong tool for moving target tracking by a multistatic UWB radar system / D. Kocur ... [et al.]** - 2010. - 1 elektronický optický disk (CD-ROM).In: SAMI 2010 : 8th International Symposium on Applied Machine Intelligence and Informatics : January 28-30, 2010, Herľany, Slovakia. - [s.l.] : IEEE, 2010 S. 11-19. - ISBN 978-1-4244-6423-4  
[KOCUR, Dušan - GAMEC, Ján - ŠVECOVÁ, Mária - GAMCOVÁ, Mária - FORTES, Jana]  
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**AFD002 [95726] Detection of driving space using Vanishing point estimation** / Daniel Urdzík ... [et al.] - 2010. - 1 elektronický optický disk (CD-ROM). In: SAMI 2010 : 8th International Symposium on Applied Machine Intelligence and Informatics : January 28-30, 2010, Herľany, Slovakia. - [s.l.] : IEEE, 2010 S. 323-328. - ISBN 978-1-4244-6423-4 [URDZÍK, Daniel - GAMEC, Ján - GAMCOVÁ, Mária - KOCUR, Dušan]  
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**DAI001 [45309] Nové algoritmy obnovy zašumených vektorov pohybu na báze číslicovej filtrácie** : dizertačná práca / Mária Gamcová ; školiteľ Stanislav Marchevský - Košice, : - 2005. - 81 s .  
[GAMCOVÁ, Mária - MARCHEVSKÝ, Stanislav]  
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	<p>2011 [1] HRUŠOVSKÝ, Branislav, MOCHMÁČ, Ján, MARCHEVSKÝ, Stanislav Error Concealment Method Based on Motion Vector Prediction Using Particle Filters In: Radioengineering Vol. 20, no. 3 (2011), p. 692-702 ISSN: 1210-2512</p> <p>2011 [1] HRUŠOVSKÝ, B., MOCHNÁČ, J., MARCHEVSKÝ, S. Error concealment method based on motion vector prediction using particle filters In: Radioengineering Vol. 20, no. 3 (2011), p. 692-702 ISSN:</p> <p>GHG001 [137514] <b>UWB Radar Signal Processing for Through Wall Moving Target Tracking</b> / Dušan Kocur ... [et al.] - Košice : TU - 2008. - 131 s.. - ISBN Nemá pridelené. Spôsob prístupu: <a href="https://moodle.tuke.sk/moodle202/mod/resource/view.php?id=4646">https://moodle.tuke.sk/moodle202/mod/resource/view.php?id=4646</a>. [KOCUR, Dušan - FORTES, Jana - ŠVECOVÁ, Mária - AFTANAS, Michal - DRUTAROVSKÝ, Miloš - GAMEC, Ján - GAMCOVÁ, Mária]</p> <p><b>Ohlasy:</b></p> <p>2013 [1] DŽUNDA, M., CSÉFALVAY, Z. Selected methods of ultra-wide radar signal processing In: Marine Navigation and Safety of Sea Transportation: Advances in Marine Navigation P. 239-242 ISBN: 978-113800106-0</p>
<b>Kontaktná adresa</b>	<p>Katedra elektroniky a multimediálnych telekomunikácií  Fakulta elektrotechniky a informatiky  Technická univerzita v Košiciach  Letná 9  042 00 Košice</p>

Ing. Mária Gamcová, PhD. v.r.