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## Jaromír Fišer

### *Curriculum Vitae*

- Name: Jaromír Fišer
- Date of birth: 27 Dec, 1973
- Nationality: Czech

### *Academic Background*

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|-------------|--|
| 2004        | <ul style="list-style-type: none"><li>• PhD. in Technical Cybernetics at the Department of Instrumentation and Control Engineering of Faculty of Mechanical Engineering, Czech Technical University in Prague (FME CTU)</li></ul>        |
| 1993 – 1998 | <ul style="list-style-type: none"><li>• MSc. in Mechanical Engineering at the Department of Automatic Control and Engineering Informatics of Faculty of Mechanical Engineering, Czech Technical University in Prague (FME CTU)</li></ul> |

### *Career*

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|----------------|--|
| 2000 – present | <ul style="list-style-type: none"><li>• Assistant at Institute of Instrumentation and Control Engineering, FME CTU in Prague</li></ul> |
| 2001 – 2011    | <ul style="list-style-type: none"><li>• Senior researcher of Centre for Applied Cybernetics at CTU in Prague</li></ul>                 |

### *Projects*

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|-------------|--|
| 2001 – 2011 | <ul style="list-style-type: none"><li>• Participation in Project “Research Centre for Applied Cybernetics” supported by Ministry of Education of the Czech Republic</li></ul>                          |
| 2006 – 2009 | <ul style="list-style-type: none"><li>• Participation in Project “Smart Technologies for Stress Free Air Travel” granted by European Commission under the 6<sup>th</sup> Framework Programme</li></ul> |

### *List of selected publications*

- [1] Fišer, J. - Zítek, P. - Červený, J.: Relay Feedback Oscillator Design for Modeling Circadian Rhythms in Cyanobacteria. *In: Proceedings of the ASME 2011 International Mechanical Engineering Congress & Exposition, IMECE2011, November 11-17, 2011, Denver, CO.*
- [2] Zítek, P. - Fišer, J. - Vyhliřal, T.: Ultimate-Frequency based Dominant Pole Placement. *In: Proceedings of the 9th IFAC Workshop on Time Delay Systems, TDS 2010, June 7-9, 2010, Prague, Czech Republic, Vol. 9, IFAC-PapersOnLine. ISBN 978-3-902661-71-5*
- [3] Fišer, J. - Červený, J. - Zítek, P.: Oscillators for Modelling Circadian Rhythms in Cyanobacteria Growth. *In: Modelling, Simulation, and Optimization - Focus on Applications, Ed. Sh. Cakaj, Wien: In-Tech, 2010, chap. 7, 105-119. ISBN 978-953-307-055-1*
- [4] Fišer J.: Control of Time Delay Systems in Sliding Regimes Using Anisochronic State Feedback. *Dissertation Thesis, CTU in Prague, 2004, pg. 130.*