

# Curriculum Vitae

---

## Godec Martin, Dipl.-Ing.

Institute for Computer Graphics and Vision  
Graz University of Technology  
Inffeldgasse 16  
A-8010 Graz  
Austria



Phone: +43 316 873-5031

Fax: +43 316 873-5050

Email: [godec@icg.tugraz.at](mailto:godec@icg.tugraz.at)

Web: <http://www.icg.tugraz.at/members/godec>

---

## Personal Data

Date of Birth            May 10, 1983  
Citizenship             Austria

## Education

02 2009 – date            **PhD-Study** (Computer Science)  
Institute for Computer Graphics and Vision  
Graz University of Technology, Austria  
Supervisor: Prof. Dr. Horst Bischof

2007 – 2009                **Master-Study** (Computer Science, Telematics, with distinction)  
Institute for Computer Graphics and Vision  
Graz University of Technology, Austria  
Thesis title: Robust Object Tracking using Semi-Supervised On-line Boosting  
Supervisor: Prof. Dr. Horst Bischof  
Scholarship (Förderstipendium) for Master's Thesis

2003 – 2007                **Bachelor-Study** (Computer Science, Telematics)  
Graz University of Technology, Austria

1997 – 2002                **Technical College** (Electronics / Informatics, with distinction)  
HTBL Mössingerstrasse, Klagenfurt

1993 – 1997                **Secondary School** (focused on natural sciences and mathematics)  
BG/BRG Ingeborg Bachmann Gymnasium, Klagenfurt

1989 – 1993                **Elementary School**  
Volksschule, Klagenfurt

## Employment

- 12 2008 – date      *Project-Scientist*  
Institute for Computer Graphics and Vision  
Graz University of Technology, Austria
- 2001 – 2007      *Trainee*  
AIK Electronics, Infineon AG (Software development)
- 09 2002 – 05 2003      *Military service*

## Teaching Experience / Professional Service

- 2003 – 2007      *Study Assistant*  
Institute for Computer Graphics and Vision (Computer Vision 1),  
Institute for Software Technology (Design and Analysis of Algorithms),  
Institute for Electrical Drives and Machines (Simulation of Electrical Drives 1/2),  
Institute for Inform. Systems and Computer Media (Internet and new Media)  
Graz University of Technology, Austria
- 2010 – date      *Reviewer* for Elsevier Pattern Recognition (PR),  
IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI),  
IEEE Int. Conference on Computer Vision and Pattern Recognition (CVPR),  
IEEE Int. Conference on Advanced Video and Signal-Based Surveillance (AVSS),...
- Co-Chair* of the Computer Vision Winter Workshop 2011, Mitterberg, Austria

## Research Interest

- ▶ Object Detection, Tracking and Classification
- ▶ Machine Learning for Computer Vision
- ▶ Visual Surveillance Systems

## Publications (chronological)

- [1]      Teufl P., Payer U., Amling M., **Godec M.**, Ruff S., Scheikl G., Walzl G.  
***InFeCT - Network Traffic Classification***  
In Proc. International Conference on Networking, 2008
- [2]      **Godec M.**, Grabner H., Leistner C., Bischof H.  
***Speeding Up Semi-Supervised On-line Boosting for Tracking***  
In Proc. Workshop of the Austrian Association for Pattern Recognition, 2009
- [3]      Saffari A., Leistner C., Santner J., **Godec M.**, Bischof H.  
***On-line Random Forests***  
In Proc. IEEE International Conference on Computer Vision,  
3rd On-line Learning for Computer Vision Workshop, 2009

- [4] **Godec M.**, Leistner C., Saffari A., Bischof H.  
***On-line Random Naïve Bayes for Tracking***  
In Proc. International Conference on Pattern Recognition, 2010
- [5] Saffari A., **Godec M.**, Pock T., Leistner C., Bischof H.  
***On-line Multi-class LPBoost***  
In Proc. IEEE Conference on Computer Vision and Pattern Recognition, 2010
- [6] **Godec M.**, Sternig S., Roth M. P., Bischof H.  
***Context-driven Clustering by Multi-class Classification in an Active Learning Framework***  
In Proc. Workshop on Use of Context in Video Processing (UCVP),  
In conjunction with IEEE Conference on Computer Vision and Pattern Recognition, 2010
- [7] Sternig S., **Godec M.**, Roth M. P., Bischof H.  
***TransientBoost: On-line Boosting with Transient Data***  
In Proc. IEEE Online Learning for Computer Vision Workshop (OLCV),  
in conjunction with IEEE Conference on Computer Vision and Pattern Recognition, 2010
- [8] Bischof H., **Godec M.**, Leistner C., Starzacher A., and Rinner B.  
***Autonomous Audio-Supported Learning of Visual Classifiers for Traffic Monitoring***  
IEEE Intelligent Systems, 2010
- [9] **Godec M.**, Leistner C., Starzacher A., Bischof H., and Rinner B.  
***Audio-Visual Co-Training for Vehicle Classification***  
In Proc. IEEE Int. Conference on Advanced Video and Signal Based Surveillance, 2010
- [10] Saffari A., Leistner C., **Godec M.**, and Bischof H.  
***Robust Multi-View Boosting with Priors***  
In Proc. European Conference on Computer Vision, 2010
- [11] Leistner C., **Godec M.**, Saffari A., and Bischof H.  
***On-line Multi-view Forests for Tracking***  
In Proc. Annual Symposium of the German Association for Pattern Recognition, 2010
- [12] Wendel A., Sternig S., **Godec M.**, eds.  
***Proceedings of the 16<sup>th</sup> Computer Vision Winter Workshop***  
Verlag der Technischen Universität Graz, 2011
- [13] Leistner C., **Godec M.**, Schulter S., Saffari A., Werlberger M., and Bischof H.  
***Improving Classifiers with Unlabeled Weakly-Related Videos***  
In Proc. IEEE Conference on Computer Vision and Pattern Recognition, 2011
- [14] **Godec M.**, Roth P. M., and Bischof H.  
***Hough-based On-line Tracking of Non-Rigid Objects***  
In Proc. International Conference on Computer Vision, 2011