

Partial Curriculum Vitae for professor Ulf Assarsson

- M.Sc:** 1997, Engineering Physics, Chalmers.
- PhD:** 2003, Computer Graphics, Department of Computer Engineering, Chalmers University of Technology (CTH).
- Post-doc:** 2004–2005, INRIA, Grenoble, France.
- Docent:** August 2009, Associate Professor-degree.
- Current appointment:** Full Professor, March. 3rd 2017, Head of Computer Graphics Research Group, Dep. of Computer Science and Engineering, CTH.
- Previous appointments:**

2014–2017, Biträdande Professor, CTH.	2003–2004: cofounder, R&D, Illuminate Labs.
2012–2015, CTO, Mindary,	2003: 20%-40%, Ericsson Mobile Platforms,
2009-2014: Associate Professor, CTH.	2001–2003: full-time PhD student, CTH.
2005–2009: Assistant Professor, CTH.	1998–2001: ind. PhD.stud Prosolvía/ABB/CTH
2004–2005: Post Doc, INRIA/ Grenoble, France.	1997–1998: 3D graphics developer, Prosolvía
2003–2004: research+teaching. 60%, CTH	

- Interruption in Resesarch (deductible time):** none.
- Postdoc supervision:** Erik Sintorn, March 2013-March 2015.

Doctoral supervision as main supervisor:

Erik Sintorn, 2007-2013, graduated.	Viktor Kämpe, 2011-2016, graduated.
Ola Olsson, 2008-2014, graduated.	Dan Dolonius, 2015-2020, ongoing
Markus Billeter, '08-'14, graduated.	Sverker Rasmuson, 2015-2020, ongoing

Other doctoral supervision (co-sv=co-supervisor):

Mads Rönnow, 2018, ongoing, examiner	Duy Le Khanh, 2015, ongoing, examiner.
Christos Profentzas, 2017, ongoing, examiner	Pawel Wozniak, 2012–2013, co-sv., grad.
Stefano Ribes, 2017, ongoing, examiner	Alexandru Dancu, 2012–2016, co-sv., grad.
Prajith Geethakumari, 2017, ongoing, examiner	Lukas Ahrenberg, 06–07, grad, guest PhD-stud.
Evangelos Vasilakis, 2017, ongoing, examiner	Beata Stahre, 2004–2009, graduated, co-sv.
Rodi Jolak, 2015, ongoing, examiner	David Roger, 2004–2008, graduated, co-sv.

Other supervision: 111 *master-thesis* stud. (86 theses) and 134 *bachelor-thesis* stud. (26 theses).

9. **Other relevant information****Research grants**

VR, 2015, Framstående Yngre Forskare, 18MSEK (~€2M), sole applicant.	NVIDIA Fellowship, 2009, \$25.000, for Sintorn.
VR 2015, ACE, 9MSEK (~€1M), co-appl.	SSF-ICA2, 2007, 3MSEK (~\$500K), sole appl.
SSF, 2011, 20MSEK (~€2M), co-applicant.	VR-project, 2007, 1.95 MSEK (~\$300K), sole appl.
Vinnova/EraSME6, 2010, 750KSEK. Main appl.	VR-ind.project, 2006, 1.7 MSEK, main appl.
	Hans Werhén, 2005, postdoc grant, 120KSEK.

Awards

Venture Cup 2004, 2 nd prize, 100KSEK, w. Illuminate Labs.	Ingvar Carlsson Award II (ICA2), 2007, SSF, 3MSEK, (<i>listed above</i>).
Innovation Cup 2004, 1:st prize, 25KSEK, w. Illuminate Labs.	

Editorial board member of following journals (since year):

JCGT (the Journal of Computer Graphics Techniques), 2012– ongoing	Journal of IT in Asia (JITA), 2007–2008
Journal of Graphics Tools, 2011–2013	

Other committees

HPG 2018, IPC member.	Eurographics EGPGV 2016, IPC member.
i3D 2018, IPC member.	WSCG–IPC member 2011
EGPGV 2018, IPC member.	Eurographics 2010 (Tutorial Chair)
SEAA 2018, IPC member.	Eurographics 2010 (Programme Committee)
WSCG 2018, board of reviewers	SIGRAD 2009 (conference committee)
HPG 2017, IPC member.	SCIA2009 (Programme Committee)
i3D 2017 IPC member.	ACM SIGGRAPH 2008 (Student-Research Competition Committee)
HPG 2016, papers chair.	

SIGRAD 2014-2017 (Program Committee).	ACM SIGGRAPH 2008 (Late-Breaking/Posters program committee)
SIGRAD 2005 (Programme Committee).	

Grading committee member for PhD-defences

2018, C. Allen Waddle (prof. George Tzanetakis)	2010, Andreas Söderström (prof. Ken Museth)
2018, Gabriel Eilertsen (Jonas Unger)	2009, Ola Nilsson, (prof. Ken Museth)
2016, Daniel Jönsson (prof. Anders Ynnerman)	2009, Jon Hasselgren, (prf. T. Akenine-Möller)
2016, Kai Selgrad (prof. M.Stamminger)	2008, David Roger, (prof. N. Holzschuch)
2015, J. Kronander (prof. Anders Ynnerman)	2008, Calle Lejdfors (prof. Lennart Ohlsson)
2015, S. Muddala (prof. Mårten Sjöström)	2006, Johan Jansson (prof. Claes Johnson)
2013, Joel Svensson (prof. Mary Sheeran)	2006, Patric Ljung, (prof. Anders Ynnerman)
2011, Daniel Cederman, (prof. Philippas Tsigas)	

Opponent for: 2014-Ville Timonen (prof. J Westerlund), 2016-Per Ganestam (Prof M. Doggett).

Preexamination of PhD theses: Janne Kontkanen (2006), Ville Timonen (2014), Kai Selgrad (2016).

Conference Session Chair: 2010. Eurographics, session *Rendering 1*.

Conference Panels: 2009. *The Future of Graphics APIs*, ACM SIGGRAPH-*Beyond Prog. Shading*.

Co-author of conference courses

2018, Eurographics, <i>Voxel DAGs</i> .	2010, Eurographics, <i>Casting shadows in Real-Time</i>
2013, ACM SIGGRAPH, <i>Real-Time Shadows</i>	2009, SiggraphAsia, <i>Casting shadows in Real-Time</i>
2012, ACM SIGGRAPH, <i>Real-Time Shadows</i>	2009. ACM SIGGRAPH, <i>Beyond Progr. Shading</i>

Co-founder of startup companies:

- Dimension Stream + Dimension Stream Labs (2018 – ongoing)
- Illuminate Labs – (2002 – 2004). ~10 employees. Sold.
- Mindary AB – (2012 – 2015). 8–15 persons. Sold. <http://www.cse.chalmers.se/~uffe/mindary/mindary.html>
- Deform Dynamics, 2017 – ongoing. Two full-time employees. 4 persons.
- Gothenburg Game Studios.

TV interview: TV4 News, “Vetenskap” program 4. 2012. Six minutes television program as part of a popular-science TV series, broadcast by TV4 News. Also available online, here:

http://www.youtube.com/watch?v=P6As-skbX7g&feature=player_embedded

Newspapers and magazines: Non-research magazines, such as Ny Teknik, Dagens Industri, Mac World, Game Developer, Game Front, The Register, VerkstadsForum, Tofsen, Borås Tidning.

Google Scholar: <https://scholar.google.se/citations?user=zfl86n8AAAAI&hl=sv&oi=ao>

ORCID: 0000-0002-5427-7406

For a complete CV, contact me. /Ulf