

# Mr Risto-Antti Paju

## Education

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<b>University of Jyväskylä, Finland</b>	2005–
Graduate studies in Physics, 2005–2006	
Teacher training in Physics and Mathematics, 2006–2008	
Subject studies in Chemistry, 2009–2010	
Subject and advanced studies in Mathematics, 2013–2015	
<b>Queens' College, University of Cambridge, UK</b>	1998–2002
MA & MSci (Hons) Natural Sciences: Experimental and Theoretical Physics	
<b>Kuopion Lyseon Lukio, Kuopio, Finland</b>	1994–1997
IB Diploma	

## Professional experience

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<b>Viitaniemi School, Jyväskylä, Finland</b>	August 2010–December 2012
Mathematics and science teacher	
<b>Department of Environmental Science, University of Kuopio, Finland</b>	November 2008–July 2009
Research scientist	
<b>Normaalikoulu, University of Jyväskylä, Finland</b>	April–September 2008
Part-time science teacher	
<b>Voionmaa School, Jyväskylä, Finland</b>	August 2003–June 2005
Mathematics and science teacher, IT administrator	
<b>Metso Automation Inc. Field Systems, Varkaus, Finland</b>	July–September 2002
Summer trainee: Hardware and software development for industrial measurement systems	
<b>CERN, Geneva, Switzerland</b>	July–September 2001
Summer student: Software development for the HARP hadron production experiment	
<b>PulpExpert OY, Varkaus, Finland</b>	June–September 2000
Summer trainee: Hardware development for industrial measurement systems	
<b>Varkaus Town, Finland</b>	July–September 1998
Summer trainee: Interpreter, graphical and newspaper work	

## Language proficiency

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Finnish (first language); English (fluent); German, Swedish (fair); Chinese (basic)

## Computing and electronics

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Fields of experience	Simulations, signal processing, measurement systems, system and network administration, technical writing
Languages and tools	Bash, C, C++, CSS, Fluent, Fortran, [X]HTML, Julia, LaTeX, Matlab, MySQL, Perl, PHP, Python, Verilog
Operating systems	Linux, NetBSD, generic unix, DOS, Windows

## Voluntary work and positions of trust

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Jyväskylän kansannäyttämö: actor, musician, composer and sound designer 2006, 2008, 2010, 2013–  
Jyväskylä Student Theatre: musician, composer, light and sound designer/technician, technology officer, treasurer 2005–2009, 2012–2014  
Sektorii.com news forum: moderator 2002–  
Varsity (Cambridge student newspaper) and bluesci.com: science reporter 2000–2001  
Cambridge University Scientific Society: general committee member 2001  
Cambridge University Physics Society: Queens' College representative 1999–2001  
Kuopion Lyseon lukio: physics/mathematics tutor 1995–1996

## Distinctions and awards

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Top ten placements in national competitions of secondary-school mathematics, physics and chemistry, 1995-1997  
Second place in the Vermes Miklos physics competition, Sopron, Hungary, June 1996  
Foundation Scholarship at Queens' College, Cambridge, June 2000

## Other interests

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Music composition and production, writing, yoga, electronics, programming

## Contact info

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IRC	teknohog on IRCnet