Second Annual UvA Physics, Astronomy & Astrophysics Career Days Programme 2014

Thursday 3rd July. Part I: focus on Academic Careers (room C1.112)

10:00 - 10:15	Welcome	
10:15 - 10:30	Intro. to the structure / concept of the Career Days	Mark Golden , track coordinator M-Phys/AMEP
10:30 - 11:00	Personal perspective	Ivo Vulpen (IoP-IHEF)
11:00 - 11:30	Personal perspective	Anna Watts (API)
11:30 - 12:00	Personal perspective	Mark Golden (IoP-WZI)
12:00 - 14:00	special pizza lunch - **How 2 Apply for Stuff**	Sera Markoff (API)

Thursday 3rd July. Part II: focus on career orientation & CV's (room C1.112)

14:00 - 17:00	The labour market, how it works. How to orientate, networking and what kind of CV you need for this.	Harry Linders of bureau-loopbaanplanning.nl

Thursday 3rd July; sunshine, drinks, grilled food…..

17:30 - …	all participants are invited to join in the 'IoP 2014 BBQ' in the courtyard - to do so register →	to take part, you need to register (free!) via http://iop.uva.nl/news-events/events/bbq2014.html

Friday 4th July. Focus on Non-Academic Careers (room A1.10)

10:00 - 10:10	**Coffee (from 09:45)** + Welcome (Mark Golden)	
10:10 - 10:40	Alumnus 1 (now at SRON)	Aaldert van Amerongen
10:40 - 11:10	Alumnus 2 (now CEO amscins, entrepreneur)	Hans Roeland Poolman
11:40 - 12:10	Alumnus 3 (now at Hippo)	Frank van Lankvelt
12:10 - 13:30	**lunch break**	
13:30 - 14:00	Alumnus 4 (now at ASML in Korea)	Dennis de Lang
14:00 - 14:30	Alumnus 5 (now at Dutch Cancer Institute/AvL hospital)	Anton Mans
14:30 - 15:00	Alumnus 6 (now at Reaal)	Jeroen Luigjes
15:00 - 15:30	**coffee / tea break**	
15:30 - 16:00	Alumna 7 (now at Liander)	Shira Hollanders
16:00 - 17:15	**Mock interviews** Group A = non-academic → room A1.10 (seats 56) Group B = academic → room A1.08 (seats 20)	*Interview panels:* Dennis de Lang, Anton Mans, Jeroen Luigjes Michiel vd Klis (API), Robert Spreeuw (IoP-WZI), Philippe Corboz (IoP-ITFA), Ivo van Vulpen (IoP-IHEF/nikhef)
17:15 - 18:00	borrel, feedback from participants	

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Offline givers of feedback on CV's will include: Dennis de Lang, Frank van Lankvelt, Aaldert van Amerongen, Jeroen Luigjes, Alejandra Castro, Michiel van de Klis, Anne de Visser, Ralph Weijers, Florian Schreck, Philippe Corboz, Mark Golden, Paul de Jong, Jean-Sebastien Caux, Sera Markov, Klaasjan van Druten, Anna Watts, Robert Spreeuw, Katerina Dohnalova, Peter Schall, Stan Bentvelsen, Jan de Boer

Second Annual UvA Physics, Astronomy & Astrophysics Career Days 2014: Biosketches Alumni Speakers

Aaldert van Amerongen (SRON)
After his MSc degree in Physics at the University of Amsterdam, he obtained his PhD at the van der Waals-Zeeman institute with Prof. Walraven. In the group of dr. van Druten he built a Bose-Einstein condensate setup on a microchip. He then started as an Instrument Scientist at SRON the Netherlands Institute for Space Research doing R&D for instruments for research from space. He contributed, for example, in the development of a spectrometer to monitor pollution and greenhouse gases in the Earth atmosphere from a low earth orbit. He continued working at SRON as a project leader in enabling technology projects delivering novel diffraction gratings to the space industry and agencies. He is now also responsible for a section of instrument scientists with optical and X-ray expertise.
SRON the Netherlands Institute for Space Research is the national center of expertise for the development and exploitation of satellite instruments for astrophysical and earth-oriented research.

Hans Roeland Poolman (Amsterdam Scientific Instruments, amscins.com)
PhD 1999; Nikhef + VU: *Quasifree Spin-dependent Electron Scattering from a Polarized ^{3}He Internal Target.*
HRP filled the position of VP Finance at All Options between 2007 and 2009. At this Amsterdam-based market maker in equity options he managed the global finance team. Between 2001 and 2007 he worked at Lucent Technologies/Alcatel-Lucent, where he held different positions as both project manager and finance manager. In 2004, he was, as the only European, submitted to Lucent's Financial Leadership Development Program at Babson College, MA USA, where he obtained his master's degree (Cum Laude '07) in Business Management (focus on Finance). Prior to this he held a Postdoc position at the Vrije Universiteit in Amsterdam.
Amsterdam Scientific Instruments has the mission to enable accelerated innovation for our customers by pushing the boundaries of technology for imaging applications. We create customer value by developing, building and delivering the best and most reliable equipment for the photon science community. Amscins' hybrid pixelated detectors cater for a broad range of applications both for scientific and industrial users.

Frank van Lankvelt
FvL has gone from theoretical physics HPC to system engineering (kernel driver development) to R&D at a (relatively small) product company. This meant going from a specialistic setting to an environment with a full-stack technology, open source, agile processes, etcetera. Currently FvL is attempting to master big data / data science as a specialism.
Hippo's Content Management System is used by governments and large companies for personalized multi-channel content delivery.

Dennis de Lang
Having lived in both Tokyo and Rotterdam during his youth, Dennis has continuously attempted to alternate, merge and eventually synergize his interests in science and the Far East.
He completed his MSc in experimental physics (optics) in the WZI in the group of Ad Lagendijk in 1998, while finalizing a double major in Japanese studies (MA) at Leiden University on a topic of medieval Japanese poetry. This was followed by several years of PhD research on quantum scaling behavior of the quantum Hall effect in the group of dr. Anne de Visser at the WZI (completed in 2005).
In 2006 he started as an application engineer at ASML in Veldhoven where he quickly specialized himself in lens aberration control and computational lithography. This led him on many stints to the field, supporting ASML's various customers such as Intel, Samsung, Micron, and others. For this work he received Samsung's Customer Support Appreciation Award at the 25-yrs ASML-Samsung partnership celebrations.

In 2010 he relocated to Japan as an all-round application expert and project leader for Toshiba and other Japanese customers, taking the role of Application Manager for Japan in 2012. The following year he relocated to South Korea into his current role as Strategic Marketeer for the Samsung Logic and R&D accounts.
ASML is the world's largest supplier of photolithography systems for the semiconductor industry, a major technology driver, and one of the largest employers for physicists in the Netherlands.

Anton Mans
After studying physics and getting a doctiorate from TU Delft, Anton moved via the NMI (Dutch Standards Laboratory) to the UvA for a postdoc in the group of Mark Golden. He then switched fields and joined the Dutch Cancer Institute (NKI), first as a posdoc. After internships at, among others VUmc, UMC Utrecht, Anton followed training towards the qualification as Medical Physicist at the NKI-AvL. He now works in this capacity at NKI-AvL, with brachytherapy, portal dosimetry and gynaecological oncology as his main fields of specialisation.

Jeroen Luigjes
After a MSc in experimental physics at the UvA (Van der Waals-Zeeman Intitute), Jeroen started working at REAAL (a dutch insurance company) in 2006. He was a member of staff, head of complaints office, Alliance Manager (sales) and is now Business Manager (Program Manager & advisor of the Sales Management Team).

Shira Hollanders
Shira studied Beta-Gamma and graduated in 2012 from the Advaced Matter and Energy Physics track within the experimental Physics department. She graduated in the Condensed Matter group under the supervision of Anne de Visser on magnetotransport on 3D topological insulators.
Although she enjoyed learning about the wonders of Physics, after graduation she wanted to work in a field with a more direct link to the community. Since October 2012 she has been working as a trainee at Alliander. Alliander is the largest grid operator in the Netherlands with more than 6000 employers. Besides transporting and distributing electricity and gas, Alliander also contributes by facilitating the transition from a fossil fuel based energy landscape to an energy landscape based on sustainable energy resources.
In her trainee program, Shira has been working on crisis management, demand response systems and sustainable area development. Although Shira has not solved an integral or seen a Maxwell equation since she started at Alliander, her skills gained during her study are of great value in her current work.

An alumnus **Jorn Mossel** (studied physics at UvA and did a PhD at IoP-ITFA) is now woking at Goldman-Sachs in London. He couldn't make it to give a talk, but offered to field finance-based career questions from participants at jorn.mossel@gmail.com