

# Symposium on Stochastic Processes



Friday September 26th 2014, University of Twente  
at the occasion of the retirement of  
Erik van Doorn



**UNIVERSITEIT TWENTE.**

# Some of Eriks starting dates

- 1949 Born
- 1961 Gymnasium Zeist
- 1967 TH Eindhoven (Mathematics student)
- 1975 TH Twente (Wetenschapp. ambtenaar in tijdelijke dienst)
- 1980 PTT dr Neherlab
- 1982 Mathematisch centrum
- 1985 TH Twente

# A few of Eriks papers (random selection)

- Birth-death processes and associated polynomials
- Survival in a quasi-death process
- Extinction probability in a birth-death process with killing
- Traffic modeling in a reconfigurable broadband nomadic computing environment
- ... and 50+ more

# PhD-family tree

Erik van Doorn (1979)

Bart van Arem (1990)

Cornelie van Driel (2007)

Thijs Muizelaar (2007)

Leonie Walta (2011)

Mohamed Mahmod (2011)

Nina Schaap (2012)

Raymond Hoogendoorn (2012)

Pauline (Coolen-)Schrijner (1995) Maha Rahrouh (2005)

Richard Crossmann (2009)

Rebecca Baker (2010)

Tahani Maturi (2010)

Werner Scheinhardt (1998)

Nicky van Foreest (2004)

Denis Miretskiy (2009)

Daniel Reijsbergen (2013)

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# Program

10.45 – 11.30	Phil Pollett	Quasi-stationary distributions: then and now
11.30 – 12.00	Frank Coolen	Discrete-time Markov chains - the work of Pauline (Coolen-) Schrijner
<i>12.00 – 13.15</i>	<i>Lunch in the Waaier-building ('bovenring')</i>	
13.15 – 13.45	Guy Latouche	The deviation matrix, Poisson's equation, and QBDs
13.45 – 14.15	Bart van Arem	Reducing randomness: the advent of self-driving cars
14.15 – 14.45	Rein Nobel	The Downs-Thomson paradox revisited
<i>14.45 – 15.15</i>	<i>Coffee and Tea</i>	
15.15 – 15.45	Werner Scheinhardt	Random walks in dependent random environments
15.45 – 16.15	Erik van Doorn	To be announced
<i>16.15 – 18.00</i>	<i>Reception in the Waaier-building ('bovenring')</i>	