Wilfried Brauer

1937 - 2014



honours



- Felix Hausdorff-Gedächtnispreis (1966)
- IFIP Silver Core (1986)
- honorary doctor of the University of Hamburg (1996)
- Werner Heisenberg Medal (2000)
- Honorary Member of Gesellschaft für Informatik (2002)
- Member of the German Academy of Technical Sciences (2002)
- IFIP Isaac L. Auerbach Award (2002)
- honorary doctor of the Freie Universität Berlin (2004)
- 2006 Fellow of the University of Bremen
- One of ten inaugural fellows of the European Association for Theoretical Computer Science (2014, posthumous).

9 contributions to Petri Nets

scientific

Brauer, Wilfried; Reisig, Wolfgang:

Carl Adam Petri und die "Petrinetze". 2006.

Brauer, Wilfried:

Carl Adam Petri - Laudatio zur Verleihung der Konrad Zuse-Medallie. 1994.

Brauer, Wilfried; Gold, Robert; Vogler, Walter:

A Survey of Behaviour and Equivalence Preserving Refinements of Petri Nets. 1991.

Brauer, Wilfried:

<u>Graphs, Automata, Petri Nets: From Sequential to Distributed and Concurrent Systems.</u> 1990.

Brauer, W.; Reisig, W.; Rozenberg, G.:

Petri Nets: Applications and Relationships to Other Models of Concurrency. 1987.

Brauer, W.; Reisig, W.; Rozenberg, G.:

Petri Nets: Central Models and Their Properties. 1987.

Brauer, W.; Taubner, D.:

Petri Nets and CSP. 1986.

Brauer, Wilfried:

How to Play the Token Game? or Difficulties in Interpreting Place/Transition Nets. 1984.

Brauer, W.:

Net Theory and Applications: Proceedings of the Advanced Course on General Net Theory of Processes and Systems, Hamburg, 1979. 1980.



9 contributions to Petri Nets

organizational

Brauer, Wilfried; Reisig, Wolfgang:

Carl Adam Petri und die "Petrinetze". 2006.

Brauer, Wilfried:

Carl Adam Petri - Laudatio zur Verleihung der Konrad Zuse-Medallie. 1994.

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early history



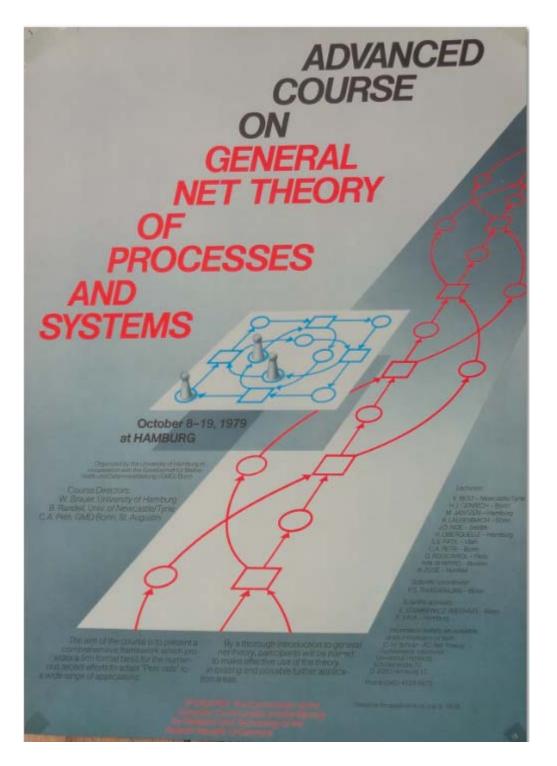
nublications

1962 C. A. Petri PhD, senior scientist at Univ. of Bonn

1966 W. Brauer PhD Univ. of Bonn

1968 Petri appointed director of ISF at newly founded GMD near Bonn

1972	Brauer appointed Professor at University of Hamburg	publications:
		until 1968: 7
1974	evaluation of GMD; Brauer was at the committee for ISF	1969: 6
		1970: 10
		1971: 14
1979	Brauer organizes the 1st Advanced Course on Petri Nets	1972: 16
		1973: 32
	in Hamburg	





still known names

lecturers:

Best, Genrich, Jantzen, Lautenbach, Oberquelle Thiagarajan, Valk

participants: Finkel(?), Goltz, Reisig, Rozenberg, Sifakis, Winskel

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Lecture Notes in Computer Science

Edited by G. Goos and J. Hartmanis

84

Net Theory and Applications

Proceedings of the Advanced Course on General Net Theory of Processes and Systems Hamburg, 1979

Edited by Wilfried Brauer



Springer-Verlag Berlin Heidelberg New York



The text to the course

the first comprehensive presentation of Petri Nets



later history



the 1980ies:

"concurrency" turned into a main stream topic.

... soliciting alternative system models.

Brauer suggested to relate, combine those models.

...

9 contributions to Petri Nets

scientific: relating Petri nets to other system models

Brauer, Wilfried; Reisig, Wolfgang:

Carl Adam Petri und die "Petrinetze". 2006.

Brauer, Wilfried:

Carl Adam Petri - Laudatio zur Verleihung der Konrad Zuse-Medallie. 1994.

Brauer, Wilfried; Gold, Robert; Vogler, Walter:

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later history



the 1980ies:

Wilfried Brauer edited proceedings, wrote recommendations, project reports, laudations, created positions, ...

I guess most of my generation involved in Petri Nets owe him something.

Wilfried Brauer

1937 - 2014

Without
Wilfried Brauer,
the success story
of Petri Nets
would be less
impressive.

