Andersen, Allan T.
Department of Informatics and Mathematical Modeling - Forskningsadjunkt, Former

Publications:

**On the Time Reversal of Markovian Arrival Processes**
Publication: Research - peer-review › Journal article – Annual report year: 2004

**On the Use of Second-Order Descriptors To Predict Queueing Behavior of MAPs**
Publication: Research - peer-review › Journal article – Annual report year: 2002

**Lower order moments of inter-transition times in the stationary QBD process**
Publication: Research - peer-review › Journal article – Annual report year: 2000

**On the statistical implications of certain Random permutations in Markovian Arrival Processes (MAPs) and second order self-similar processes**
Publication: Research - peer-review › Journal article – Annual report year: 2000

**PH-distributions arising through conditioning**
Publication: Research - peer-review › Journal article – Annual report year: 2000

**Similarity transformations of MAPs**
Andersen, A. T., Barker, V. A. & Nielsen, B. F. 1999 In : Mathematical Problems in Engineering. 5, p. 349-359
Publication: Research - peer-review › Journal article – Annual report year: 1999

**A Markovian approach for modeling packet traffic with long range dependence**
Publication: Research - peer-review › Journal article – Annual report year: 1998

**Modeling and Simulation of Mixed Queueing and Loss Systems**
Publication: Research - peer-review › Journal article – Annual report year: 1998

**On the implications of certain random permutations of inter-arrival times or counts in a point process**
Andersen, A. T. & Nielsen, B. F. 1998 Informatics and Mathematical Modelling, Technical University of Denmark, DTU.
Publication: Research - peer-review › Report – Annual report year: 1998

**On the significance of arrival process descriptions in packet traffic**
Publication: Research › Article in proceedings – Annual report year: 1998

**On the significance of arrival process descriptors in packet traffic**
Publication: Research - peer-review › Article in proceedings – Annual report year: 1998

**On the statistical implications of certain random permutations of inter-arrival times or counts in a point process.**
An application of superpositions of two-state Markovian sources to the modelling of self-similar behaviour
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

A Partially Blocking-Queueing System with CBR/VBR and ABR/UBR Arrival Streams
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

On the use of second order descriptors to characterize MAPs
Publication: Research - peer-review › Report – Annual report year: 1997

An application of superpositions of two-state Markovian sources to the modelling of self-similar behaviour.
Publication: Research - peer-review › Report – Annual report year: 1996

Broadband Network Teletraffic: Final Report of Action COST 242
Publication: Research - peer-review › Article in proceedings – Annual report year: 1996

Reducing wide-band blocking by allowing wide-band calls to queue.
Publication: Research - peer-review › Report – Annual report year: 1996

Suerposition and Effective Bandwidth of Renewal Streams
Blaabjerg, S., Andersen, A. T. & Nielsen, B. F. 1996 IMM.
Publication: Research - peer-review › Report – Annual report year: 1996

An experimental study of queueing performance of MAPs with apparently self-similar behaviour
Publication: Research - peer-review › Article in proceedings – Annual report year: 1995

Intercept and Asymptotic Behaviour of the nGI/G/1
Publication: Research - peer-review › Article in proceedings – Annual report year: 1995

Modelling and performance study of packet-traffic with self-similar characteristics over several timescales with Markovian Arrival Processes MAP
Publication: Research - peer-review › Article in proceedings – Annual report year: 1995
Modelling of apparently self-similar packet arrival processes with Markovian Arrival Processes MAP
Andersen, A. T., Jensen, A. & Nielsen, B. F. 1995 IMM.
Publication: Research - peer-review › Report – Annual report year: 1995

Modelling of packet traffic with matrix analytic methods
Publication: Research › Ph.D. thesis – Annual report year: 1995

Statistisk undersøgelse af arbejdsbelastningen på en fødegang
Publication: Research › Journal article – Annual report year: 1995

Statistisk analyse af arbejdsbelastning på en fødegang
Andersen, A. T., Grove, N. U. & Nielsen, B. F. 1994 IMM.
Publication: Research - peer-review › Report – Annual report year: 1994

A transient queueing study of delay during changeover in the Message Transfer Part MTP
Publication: Research - peer-review › Article in proceedings – Annual report year: 1993

Projects:

Evaluering og dimensionering af signalingssystemer for digitale kommunikationssystemer
Andersen, A. T. & Nielsen, B. F.
01/11/1992 → 13/02/1996
Project: PhD