

# MODELING, IDENTIFICATION AND CONTROL

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# MIC STATISTICS JUNE 2010

## OVERALL STATISTICS SINCE 1980 INCLUDING THE CURRENT ISSUE

Total Number of Articles	457
Number of Unique Authors	488
Number of Unique Research Institutions	119
Number of Authors with More than 1 Article	124
Number of Authors with More than 2 Articles	67

### TOP AUTHORS

Author	Contributions
1. Jens G. Balchen 1980-2003	50
2. Olav Egeland 1984-2007	31
3. Thor Inge Fossen 1988-2009	29
4. Bjarne A. Foss 1983-2007	27
5. David Di Ruscio 1989-2009	17
6. Sigurd Skogestad 1991-2009	15
7. Rolf Henriksen 1980-2000	14
8. Bernt Lie 1987-2010	12
9. Tor A. Johansen 1992-2009	11
10. M. Hovd, K.M. Mjelde	9

### TOP INSTITUTIONS

Author	Contributions
NTNU, ITK	192
SINTEF	58
NTNU, Other Dep.	37
Telemark (HiT)	32
IFE	23
NTNU, Chem. Eng.	18
ABB	15
Norsk Hydro	14
FFI	13
CeSOS	12

### TOP DOWNLOADS 30.06.2010

Author	DOI
1. T. Brogårdh	<a href="https://doi.org/mic.2009.3.7">mic.2009.3.7</a>
2. S. Skogestad	<a href="https://doi.org/mic.2009.3.5">mic.2009.3.5</a>
3. D. Botheju et al.	<a href="https://doi.org/mic.2009.4.1">mic.2009.4.1</a>
4. H.R. Karimi	<a href="https://doi.org/mic.2009.1.3">mic.2009.1.3</a>
5. S. Skogestad	<a href="https://doi.org/mic.1997.3.1">mic.1997.3.1</a>
6. S. Skogestad	<a href="https://doi.org/mic.2004.2.2">mic.2004.2.2</a>
7. T. Perez and T.I. Fossen	<a href="https://doi.org/mic.2009.1.1">mic.2009.1.1</a>
8. M. Breivik and G. Sand	<a href="https://doi.org/mic.2009.3.2">mic.2009.3.2</a>
9. I. Tyapin and G. Hovland	<a href="https://doi.org/mic.2009.2.1">mic.2009.2.1</a>
9. M. Breivik et al.	<a href="https://doi.org/mic.2008.4.2">mic.2008.4.2</a>
9. T. Perez and A. Donaire	<a href="https://doi.org/mic.2009.2.2">mic.2009.2.2</a>

### TOP CITED ARTICLES

ISI citations: Author	DOI
44: T. Larsson and S. Skogestad	<a href="https://doi.org/mic.2000.4.2">mic.2000.4.2</a>
42: J.G. Balchen et al.	<a href="https://doi.org/mic.1980.3.1">mic.1980.3.1</a>
33: T.A. Johansen and B.A. Foss	<a href="https://doi.org/mic.1992.1.3">mic.1992.1.3</a>
26: D. Kugiumtzis et al.	<a href="https://doi.org/mic.1994.4.1">mic.1994.4.1</a>
24: S. Skogestad	<a href="https://doi.org/mic.1997.3.1">mic.1997.3.1</a>
20: S. Grimsen et al.	<a href="https://doi.org/mic.1987.1.8">mic.1987.1.8</a>
20: H. Berntsen et al.	<a href="https://doi.org/mic.1981.4.1">mic.1981.4.1</a>
19: D. Slagstad et al.	<a href="https://doi.org/mic.1990.4.1">mic.1990.4.1</a>
19: W. Ebenhöh	<a href="https://doi.org/mic.1980.2.2">mic.1980.2.2</a>
19: B. Lillekjendlie et al.	<a href="https://doi.org/mic.1994.4.2">mic.1994.4.2</a>
19: Z. Kowalik	<a href="https://doi.org/mic.1981.4.2">mic.1981.4.2</a>
17: T. Ozanian	<a href="https://doi.org/mic.1995.2.1">mic.1995.2.1</a>
17: D. Slagstad	<a href="https://doi.org/mic.1981.3.1">mic.1981.3.1</a>
17: L. Zadeh	<a href="https://doi.org/mic.1994.3.9">mic.1994.3.9</a>

### WEBSITE STATISTICS

Month	PL	UV	FV	RV	DOI 1	DOI 2	ISI 1	ISI 2	PL	Page Loads
June 2010	1799	897	703	194	271	0.59	914	2.00	<b>UV</b>	Unique Visitors
May 2010	2332	994	813	181	271	0.60	911	2.01	<b>FV</b>	First Visitors
Apr 2010	2004	1077	894	183	270	0.60	902	1.99	<b>RV</b>	Returning Visitors
Mar 2010	3597	1399	1126	273	267	0.59	896	1.97	<b>DOI 1</b>	Number of DOI forward links
Feb 2010	2272	1070	846	224	266	0.59	883	1.94	<b>DOI 2</b>	DOI forward links per article
Jan 2010	2123	836	646	190	265	0.58	879	1.94	<b>ISI 1</b>	Number of ISI citations
Dec 2009	1702	593	429	164	242	0.55	878	1.98	<b>ISI 2</b>	ISI citations per article
Nov 2009	1545	666	538	128	234	0.53				
Oct 2009	1950	709	574	135	233	0.53				
Sep 2009	1497	477	338	139	231	0.53				
Aug 2009	1037	285	214	71	217	0.50				
July 2009	1209	344	293	51	196	0.45				

## EDITORIAL

In this issue we welcome new authors and research institutions to the MIC journal. The first paper in the issue is the first contribution from Luleå University written by Johan Byström and co-authored with Lars Petter Lystad and Per-Ole Nyman from Narvik University College. Both Lystad and Nyman have published papers in MIC before, see [mic.2003.4.1](#) and [mic.2006.1.1](#).

The second paper is the first contribution from Østfold University College, written by Magnus Komperød co-authored with Bernt Lie from Telemark University College. Bernt Lie is among the most active contributors to MIC, see [mic.1987.4.3](#), [mic.1988.3.3](#), [mic.1993.3.1](#), [mic.1997.2.4](#), [mic.2000.4.3](#), [mic.2002.1.2](#), [mic.2002.2.2](#), [mic.2005.1.3](#), [mic.2006.4.2](#), [mic.2009.3.4](#) and [mic.2009.4.1](#).

The third paper is written by Martin Choux and Geir Hovland from the University of Agder. The three papers combined cover all the fields of primary emphasis by MIC: Modeling, Identification, Control and Applications.

*Geir Hovland*  
*Editor*

## NEWS IN BRIEF

MIC congratulates Pål Johan From and Morten Breivik with the successful defence of their PhD theses during June 2010. Both have been active contributors to the MIC journal: From has been the editorial secretary since 2008 and Breivik has been an associate editor since 2009.

Pål Johan From's thesis is titled *Off-Shore Robotics: Robust and Optimal Solutions for Autonomous Operation*. Two classes of robot manipulators were studied: vehicle-manipulator systems and parallel manipulators. Optimal solutions and inverse kinematics were developed for robots with redundant degrees of freedom and robots on a moving base.

Morten Breivik's thesis is titled *Topics in Guided Motion Control of Marine Vehicles*. The thesis presents both theoretical and experimental results for marine motion control scenarios, including path following and target tracking. In particular, a novel formation control scheme called coordinated target tracking is suggested within a leader-follower framework and successfully implemented in full scale for two different types of unmanned surface vehicles (USVs) such that they are able to move in formation with a manned leader vessel which can maneuver freely without being constrained to any predefined motion pattern.

Short news items for future issues can be submitted to the editorial team. We are particularly interested in news related to authors of the journal.

