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INVITATION and CALL FOR PAPERS

Inertial Sensors and Systems

Symposium Gyro Technology

Karlsruhe (Germany)

September 20 – 21, 2011

Dear Sir or Madam,

you are kindly invited to attend the symposium on “Inertial Sensors and Systems” 2011 (formerly known as “Symposium Gyro Technology”). Should you not intend to attend the symposium, please kindly let us know anyway for revision of our mailing list.

We would like to encourage you as well with this call for paper to contribute your scientific work to the upcoming symposium.

GENERAL INFORMATION:

Scope: At this symposium the latest state of inertial sensors and navigation systems as well as gyro technology will be presented. This includes applications of this technology, the development of new systems, components and test procedures as well as investigations on cost and marketing aspects.

As modern systems for navigation, positioning and pointing are increasingly making use of aiding data from additional non-inertial sensors, these topics will be focused on by the conference with growing interest. Therefore, also papers covering hybrid systems will be highly appreciated, which fuse data from inertial sensors with that from GNSS, visual, infrared, radar or other sensors.

Conference language: English

Registration: Please register online using the provided form at: www.ite.kit.edu/GYRO. The conference fee is 120 € (EURO) which includes a copy of the Conference Proceedings

CALL FOR PAPERS:

Submission of papers: Industry, research institutes and all users of this technology are invited to send abstracts of a paper for this technical scientific meeting to the chairman of the programme committee:

Dr.-Ing. Walter Bernard (chairman of program committee)
Diehl BGT Defence GmbH & Co. KG
e-mail: sym-gyro@diehl-bgt-defence.de

Questions concerning the program may be addressed to Dr.-Ing. W. Bernard.

Abstracts are to be submitted (preferably electronically) by **April 29, 2011**.

Abstract length: 300 - 500 words
Content: Title of your contribution
Scope of the contribution

Your abstract should fully represent your contribution. Please provide the complete addresses of all authors, including phone and fax number as well as e-mail address. Please indicate clearly the lead author of the paper.

Selection of papers: The papers will be reviewed for presentation by the programme committee

Dr.-Ing. W. Bernard	Diehl BGT Defence, Überlingen
Dr. W. Auch	Sagem Navigation, Murr
Dr. W. Geiger	Northrop Grumman LITEF, Freiburg
Dr.-Ing. E. v. Hinüber	IMAR, St. Ingbert
Prof. Dr.-Ing. J. Wagner	University of Stuttgart

Authors will be informed about the acceptance of their papers not later than June 15, 2011. Research groups of universities may apply for the opportunity to demonstrate their systems during the meeting.

Time for presenting papers: 25 minutes

Publication of complete papers: The papers will be published as conference proceedings after their presentation at the symposium. Full manuscripts are due at the beginning of the conference.

Please inform everyone who might be interested in submitting an abstract, too. The call for papers can also be downloaded from the conference website www.ite.kit.edu/GYRO.

I am looking forward to welcome you in Karlsruhe in September for an interesting Symposium 2011.

Yours sincerely



Prof. Dr.-Ing. Gert F. Trommer