

INTRODUCTION

ESA and the SPICE User Group are co-organising the Joint ESA – 3rd International SPICE Conference on Process Assessment and Improvement.

The joint conference has two parts

- A two day conference focussed primarily at personnel from the Space Industry, Space Agencies and other organisations in the Space Domain
- The two day SPICE conference aimed at the general community of process assessment and improvement

The conferences are linked by half-day tutorials of joint interest on the second day and a full day of tutorials on the day following both conferences. Delegates will be able to attend either or both conferences with the combination of the tutorials as an option.

ESA has been active in the development and use of frameworks for Process Assessment and Improvement, conformant with ISO 15504 (SPICE), in the areas of software processes and quality management systems.

The SPICE User Group has for many years organised successful world-wide SPICE conferences and seminars and this is the 3rd in the series of the International SPICE Conferences. The SPICE User Group also hosts the SPICE Network that has taken over from the SPICE project.

CONFERENCE FOR THE SPACE COMMUNITY (2 DAYS)

This event is primarily intended to serve as a means for the space community to exchange information on current activities and initiatives in the area of Process Assessment and Improvement.

More specifically the event intends to provide a forum for exchange of information about Process Assessment and Improvement regarding:

- ESA's initiatives and future plans
- Experiences and results from current and past ESA-sponsored activities
- Views, initiatives, experiences and results from other space organisations
- Views, experiences and results from companies that have been involved in process assessment and improvement

3rd INTERNATIONAL SPICE CONFERENCE (2 DAYS)

This event is aimed at all in the ISO 15504 (SPICE) community involved in process assessment and improvement. The event will provide a link to the Space Community with the ability to inform of all the latest developments, experiences and techniques being used world-wide.

WHO SHOULD ATTEND?

For the Space Community part, managers, engineers and quality personnel from the Space Industry, Space Agencies and other organisations in the Space Domain. The event is also intended to provide the ISO 15504 (SPICE) community in general with an insight into current process assessment and improvement activities in the European Space Domain.

One of the basic intentions of the International SPICE Conference is to offer a forum for discussion and exchange of experience in the use of process assessment in the contexts of improvement and capability determination. For this reason both management, practitioners and researchers involved in use of process assessment are invited not only to join the conference but also to contribute by submitting papers or presenting innovative tools or solutions.

TOPICS

The following topics reflect the main issues, which it is intended to address during the conference. However, the list of topics is not considered exhaustive. Authors are encouraged to submit papers on topics they consider relevant, even if they are not explicitly mentioned below.

For the Space Community part:

- European Space Domain policies for the implementation of Process Assessment and Improvement
- Status, results and experiences from Process Assessment and Improvement activities in the Space Domain
- Development of an European Space Standards (ECSS) for Software Process Assessment and Improvement
- Use of Process Assessment and Improvement as part of Quality Management practices
- Specific needs for training of assessors for the European Space Domain
- Definition of certification and accreditation schemes for assessors and organisations
- Risk management in Process Improvement
- Product vs. Process – Process Assessment and Improvement in relation to Quality Modelling

For the International SPICE Conference:

- Case study and experience reports on use of ISO/IEC 15504 for process improvement and capability determination
- Methods, models and tools to support software process assessment
- Emerging Process Reference and Assessment Models
- Benchmarking based upon capability assessment as a foundation for process improvement
- Relationships and comparisons between different approaches to software process assessment
- Use of ISO/IEC 15504 process assessment outside the domain of software
- Theoretical considerations on the basis of the technique of process assessment

SUBMISSION OF CONTRIBUTIONS

Contributions will be accepted in following formats:

- Papers and oral presentations
- Extended abstracts for industrial experience presentations

Only full-length papers shall be accepted except for industrial experience presentations, in which case an extended abstract shall be submitted, outlining the contents of the presentation.

The best papers will be published in the Software Process Improvement and Practice journal.

Each contribution should contain the following information:

- Title of paper (or extended abstract)
- Name(s) of author(s)
- Affiliation, Address
- E-mail, telephone and fax numbers

Paper contributions shall be submitted in the format specified on the conference web site.

Contributions should be submitted **by 22 November 2002** and may be submitted either:

- By using the form on the WWW, or by e-mail (**preferred method of submission**)
- By mail
- By fax (followed by an original copy in the mail)

to the following address:

ESTEC Conference Bureau
P.O. Box 299
2200 AG Noordwijk
The Netherlands

Fax: +31 71 565 5005
E-mail: confburo@esa.int

Authors will be notified of the decision of the programme committee by January 2003.

Those interested in submitting tutorials should send proposals to spice2003@isospace.com.

REGISTRATION

A registration form will be included in the preliminary programme. Pre-registered participants can pick up their badge and a copy of the conference proceedings at the registration desk in the ESTEC Conference Centre. The conference proceedings will be published on paper and CD-ROM, and distributed at the conference.

ACCOMMODATION

The ESTEC Hotel Reservation Service will arrange all hotel bookings. A hotel reservation form will be included in the preliminary programme.

SCHEDULE

Full paper submission	22 November 2002
Notification of acceptance	15 January 2003
Preliminary Programme	31 January 2003
Registration	15 February 2003
Presentation due	at the Conference
Conference	17-21 March 2003

PROGRAMME COMMITTEE

A. Dorling, InterSPICE, (*General Co-Chair*)
R. Ciaschi, ESA-ESTEC (*General Co-Chair*)
T. Rout (SQI, Australia) (*Program Co-Chair*)
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CONTACTS

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✉ For technical matters:

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✉ For local arrangements

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ANNOUNCEMENT WORLD WIDE WEB

This information can also be found on the ESTEC and isoSPICE Web sites:

<http://www.estec.esa.nl/CONFANNOUN/03A05>
<http://www.isospice.com>

First Announcement and Call for Contributions

SPICE
2003

Joint ESA - 3rd International SPICE Conference on Process Assessment and Improvement



[CONFERENCE](#)
[17-21 March 2003](#)
[ESTEC, Noordwijk, The Netherlands](#)

Organised by the European Space Agency and
the SPICE User Group

SPICE
USER GROUP