



# November 2010 Newsletter

Issue 02



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## TMMi Foundation has elected new Chair of the Board – Dr Richard Sykes

The TMMi Foundation Board held a board meeting in Dublin, Ireland on October 1st where Dr Richard Sykes was appointed chair of the Board of Directors of the TMMi Foundation.

The Directors of the Foundation welcomed Richard and collectively stated:

*"We are very pleased that Richard has accepted our offer of becoming the Chair of the TMMi Foundation. He brings with him a wealth of industry experience both in terms of practical experiences and latterly his experiences working with industry bodies such as Intellect.*

*We are sure he will enable the Foundation to forge a strong relationship with industry and continue the excellent work of his predecessors."*



Dr Richard Sykes, on accepting the role of Chair of the Board of the TMMi Foundation, said:

*"I welcome this opportunity to contribute to the development of this important initiative. As we move into an ever greater dependence on the capabilities of contempo-*

*rary technology in most of what we do in our daily and business lives, the need to create new software and systems that are Quality, that fully meet requirements from the start, is a genuine imperative.*

*And in the fast growing world of the virtual this imperative rules even more strongly - how else can we work with confidence and assurance, as an industry, in delivering the operations of complex virtual service value chains!"*

*"The TMMi initiative proposes a new professionalism to the testing profession, at a crucial*

*time in the development of its relevance to the technology industry as she now is. Our clients increasingly demand it (in Hong Kong, I gather, the Government does not pay unless a new software and system works fully to requirements) and our maturing industry has now to learn how better to deliver it."*

Read more about Sykes [www.dr.richard-sykes.com](http://www.dr.richard-sykes.com)

## TMMi Foundation AGM meeting October 1<sup>st</sup>

The TMMi Foundation Management Executives:



Front row from left:

- Geoff Thompson, Management Executive Chair
- Andrew Goslin, Accreditation Chair
- Fran O'Hara, Treasurer
- Klaus Olsen, Commercial Work Stream Chair

Back row from left:

- Erik Van Veenendaal, Vice Chair
- Mac Miller, Membership Secretary
- Richard Sykes (Chair of Board)
- Meile Posthuma, Secretary
- Brian Wells, Technical Work Stream Chair

Missing from picture:

- Duncan Small, Technology Officer

[Read more about the Management Executive](#)

The following two persons left the TMMi Management Executive during last year, and we wish to thank them for the job done for the foundation

- Bernard Homès, Governance Officer
- Martin Sutcliffe, Secretary

More than 60 members had signed up to participate in the AGM using the Webinar facilities which allowed our members from around the globe to participate.

The TMMi Foundation wants to thank ApplLaps for sponsoring this.

After the AGM there were two presentations:

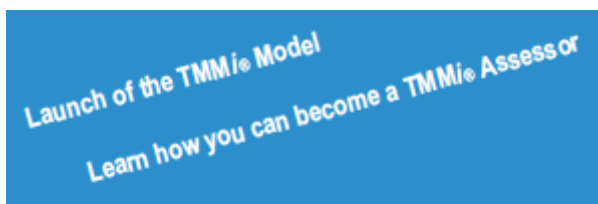
- Erik van Veenendaal spoke about
  - – Introducing TMMi level 4
- Fran O'Hara spoke about
  - – Implementing TMMi in practice

You can view the slides presented at the AGM together with the slides from Erik and Fran's presentation using the link below:

[AGM presentation including Erik and Fran as pdf](#)

## Launch of TMMi level 4 and 5

On December 1<sup>st</sup> the TMMi Foundation will launch TMMi level 4 and 5 at the EuroSTAR2010 conference in Copenhagen, Denmark.



The TMMi Foundation invites you to participate at  
**EuroSTAR2010**  
Wednesday 1<sup>st</sup> December at 8.00 a.m. in Room 17  
at Bella Center in Copenhagen



Join as a member free of charge, and read more about the TMMi model and the TMMi Foundation at [www.tmmifoundation.org](http://www.tmmifoundation.org)

Participate in the TMMi discussion on

[www.linkedin.com/groups](http://www.linkedin.com/groups)

and search for the

**"TMMi Discussion Group – Official Site"**

Participate at the TMMi Launch at EuroSTAR and listen to:

- Erik van Veenendaal when he introduces TMMi level 4 and 5
- Fran O'Hara when he unveils how you can become a TMMi accredited assessor

Chairman of the Board Dr Richard Sykes will open the presentation at 8.00 and after this Erik van Veenendaal will introduce level 4 and 5 of the TMMi model, created to complete the model.

Fran O'Hara will unveil how you can become a TMMi accredited assessor and Geoff Thomson will close the presentation at 8.30 before the track at the EuroSTAR Conference starts.

Agenda for the Launch at EuroSTAR2010:

1. Opening speech announcing the launch by Richard Sykes
2. Introducing Level 4 and 5 by Erik van Veenendaal
3. How you can become a TMMi<sup>®</sup> accredited assessor by Fran O'Hara
4. Closing speech by Geoff Thompson

### TMMi Level 4 is named "Measured"

Level 4 contains the areas:

1. Test Measurement
2. Product Quality Evaluation
3. Advanced Reviews

**Test Measurement** includes a full blown test measurement program at organizational level objective driven (Goal Question Metric, GQM) and should provide a measurement infrastructure. As Specific Goals, SG it contains:

- SG1: Align test measurement and analysis activities
- SG2: Provide test measurement results

**Product Quality Evaluation** includes quantitative understanding of product quality defined as Non-Functional attributes which must be quantitative in order to manage towards achieving them. As Specific Goals, SG it contains:

- SG1: Measurable project goals for product quality and their priorities are established
- SG2: Actual progress towards achieving the project's product quality goals is managed

**Advanced Reviews** includes the ability to measure product quality early and aligning peer reviews with dynamic testing, this process area must support product quality evaluation. As Specific Goals, SG it contains:

- SG1: Coordinate the peer review approach with the dynamic testing approach
- SG2: Measure product quality early in the life cycle by means of peer reviews
- SG3: Adjust the test approach based on the review results early in the life cycle

### TMMi Level 5 is named "Optimization"

Level 5 contains the areas:

1. Defect Prevention
2. Quality Control
3. Test Process Optimization

**Defect Prevention** includes causal analysis meeting as part of Project Retrospectives where methods as Fault Tree Analysis / FMEA is used to find root and common causes and work with extensive defect classification scheme. At this level Testing also becomes Prevention. As Specific Goals, SG it contains:

- SG1: Determine common causes of defects
- SG2: Prioritize and define actions to systematically eliminate root causes of defects

**Quality Control** includes Process Quality Control → Statistical Process Control (SPC) and focus is on process performance stable within boundaries.

Product Quality Control → Statistical Testing and focus on operational profiles, sampling, fault seeding and building a Confidence levels, trustworthiness. As Specific Goals, SG it contains:

- SG1: Establish a statistically controlled test process
- SG2: Testing is performed using statistical methods

**Test Process Optimization** includes Mechanisms for continuous improvements, both in- and outside the organization and working with Test Process Group (TPG). As Specific Goals, SG it contains:

- SG1: Select test process improvements
- SG2: New testing technologies are evaluated to determine their impact on the testing process
- SG3: Deploy test improvements
- SG4: Establish re-use of high quality test assets

The TMMi model with level 4 and 5 are released as a pdf format file on the TMMi Foundations web-site ready for you to download for free [TMMi version 3.1](#)

Read more about the TMMi Foundation at [www.tmmifoundation.org](http://www.tmmifoundation.org) and find other papers at the area [Papers](#) on the web-site.

## How to get involved in the TMMi Foundation

Anyone with an interest in the objectives of the TMMi Foundation and a willingness to get involved in either authoring or reviewing TMMi Foundation intellectual property can become a member of the TMMi Foundation.

Once accepted as a member you may use the TMMi Foundation personal membership logo. You will also be offered opportunities to get involved in the work of the Foundation, enabling you to be part of the future of software testing on a global scale. Initially membership will be free.

If you are not already a member, you can become a member by writing an e-mail to our [Membership Team](#) with your name, preferred e-mail address, telephone number and postal address.

The TMMi Foundation is dedicated to improving test processes and practice. It is a non-profit making organization and the focus of the Foundation's activities is the development of a common, robust model of test process assessment and improvement in IT organizations.

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Please contact our Secretary at [info@tmmifoundation.org](mailto:info@tmmifoundation.org) if you would like to contribute to or advertise in this publication

