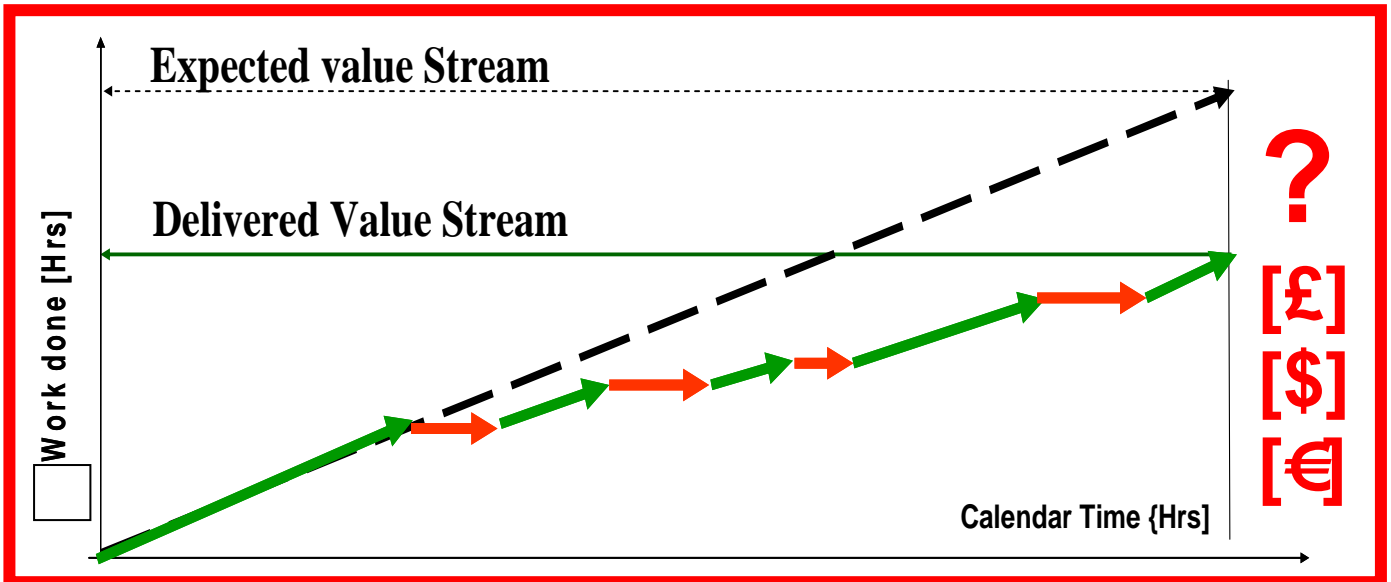


MIRCE Science: Maintaining Functionability Performance



It is readily accepted that “a racing car in the garage does not win races”, but it is not well understood that a main task of maintenance is not “fixing broken things”, but the life long management of functionability performance targets (profit, customers’ satisfaction, loyalty, reliability, punctuality and so forth). However, as “things braking” is physical consequence of existence of any functionable system, MIRCE Science looks at maintenance as a process of managing its functionability performance in accordance to the established business or operational targets.

The main objective of this Symposium is to expose the MIRCE Science approach to maintenance that is based on a scientific understanding of mechanisms that drive “breaking and fixing of things”, on one hand and associated resources for both processes on the other. It could be used for life long management of functionability performance of profit generating companies or public organisations like health, transportation, education, all way up to the nuclear energy, aerospace and national defence.

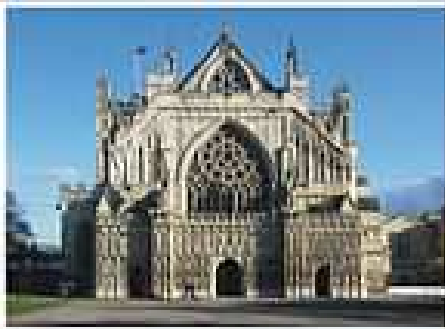
The Symposium Programme at Glance

>>>>> **Tuesday 3rd December 2019** <<<<<

0830-0900	Registration and welcome coffee, Colin Chapman, Room, Woodbury Park Hotel,
0900-1300	The philosophy of MIRCE Science is based on the premise that the purpose of existence of any functionable system ¹ is to do functionability work. The work is done when the expected measurable function is performed through time.
1045-1100 Coffee	However, experience teaches us that expected work is frequently beset by undesirable negative functionability events, resulting from a variety of negative functionability actions (overstress, wearout, natural events, and human activities). Hence, positive functionability actions must be performed on the systems to enable them to continue doing the work (repairing, testing, replacing, changing the mode of operation and similar). Thus, the complex interactions between positive and negative functionability actions determine functionability performance of functionable systems, which regrettably become known only at the end of functionable system in-service life, when nothing could be done to influence it.
1300-1400	Lunch Break
1400-1730	The session will focus of the following main points: <ul style="list-style-type: none"> • MIRCE Science: Functionality vs. Functionability • Functionability Performance and Business Plan • Maintenance as Functionability Management Process • Relationship between Business Plan and Maintenance Plan • MIRCE Functionability equations for quantitative prediction of Revenue and Cost for each feasible maintenance plan in respect to the Business Plan. • Educational and training requirements for the adoption of the new method
18.30-19.00	Book signing and group photo
1900-1930	Get Together Sherry Reception at Woodbury Park Hotel
1930-2230	<p>Symposium Dinner & MIRCE Akademy Members Christmas Dinner</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <p>Functionability 1 - Research & Education Centre, of the MIRCE Akademy</p> <p>MIRCE Science based Announcement and Award of the</p> <ul style="list-style-type: none"> • 2019 Formula 1 Driver Functionability Champion • 2019 Formula 1 Team Functionability Champion </div> </div>
>>>>> <i>MIRCE Akademy wishes you prosperous 2020</i> <<<<<	

The Symposium is aimed at organisational high-level decision makers, to inform them what could be done by the looking at maintenance as management of functionability performance, rather than failure fixing process. It is aimed at the members of the organisations with the wider horizons who are able to fully appreciate the opportunities presented to them by MIRCE Science to increase organisational competitiveness or public satisfaction, through science based management of maintenance process.

Finally message to all participants is: **“I firmly believe that there must be a seat reserved for Maintenance function in a Boardroom of any public or private organisation that is committed to the continuous delivery of functionability performance targets.”** Dr Knezevic



Exeter is the most southwesterly Roman fortified settlement in Britain. Exeter Cathedral was founded in the early 12th century and has several notable features, including an early set of misericords, an astronomical clock and the longest uninterrupted vaulted ceiling in England. Today, Exeter is identified as one of the top ten most profitable locations for a business to be based or to gain University education.

All prices are in GB Pounds			
Service	Price	VAT	Total
Participant	295.00	59.00	354.00
Retired participants	195.00	39.00	234.00
University students	175.00	35.00	210.00
MIRCE Akademy Members	225.00	45.00	270.00
MIRCE Akademy Fellows	255.00	51.00	306.00
MIRCE Akademy Students	199.00	39.80	238.80
Symposium Dinner only	60.00	12.00	72.00

The Origin of MIRCE Science



Ježdimir Knezevic

Special Christmas present to each paid participant from the MIRCE Akademy

A signed copy of the book “The Origin of MIRCE Science”, by J. Knezevic, published by MIRCE Science in December 2017, 232 pages, A4 format, published price £ 50.00.

Physical and mathematical reality of a life of a system beyond the reliability function are fully, presented, analysed, understood and presented through a set of axioms and MIRCE Functionability Formulas that deal with all operational, maintenance and support processes and events expected to take place during the life of a system, currently totally ignored by existing reliability function.



About the Venue

Woodbury Park is a magnificent 500 acre complex set among rolling hills above the South West English coastline, only a few miles from Exeter.

Communication between Exeter and other parts of the United Kingdom are excellent.

By road, the M5 motorway links Exeter to London, the Midlands, Scotland and Wales. Regular rapid coaches run services to and from London and Heathrow Airport.

By rail, a regular fast service is available to and from Exeter (St David's Station) and London (Paddington Station).

By air, Exeter Airport offers regular flights to many British and Continental destinations and is situated near to Woodbury Park.

Travel between Exeter and Woodbury normally requires a car or taxi.

Among the outstanding leisure facilities at Woodbury Park are two golf courses including the magnificent Oaks Championship course, tennis courts, a swimming pool, spa, sauna and fully equipped gymnasium and well appointed lounge areas and bars.

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About the MIRCE Akademy

MIRCE Akademy is an independent research and educational institution devoted to the enhancement and applications of MIRCE Science – theory for predicting functionality performance of functionable system types.

The knowledge and methods of MIRCE Science have benefited designers, manufacturers, constructors, operators, service-providers, regulators and others in the aerospace, automotive, communication, construction, defence, transport, service, utility sectors and other areas of business and government.

Benefits of a scientific based knowledge are experienced through significant increase in system reliability and availability, while drastically reducing costs of making, running and disposing systems.



Phone: + 44 (0) 1395 233 856 Email: quest@mirceakademy.com Web: www.mirceakademy.com



Woodbury Park Hotel & Golf Club, Exeter, EX5 1JJ, UK – home of the MIRCE Akademy

29th MIRCE International Symposium: 3 December 2019

Maintaining Functionability Performance

Registration Form

Email: quest@mirceakademy.com

Phone: +44 (0) 1395 233 856

Mail: MIRCE Akademy, Woodbury Park, Exeter, EX5 1JJ, United Kingdom

Web site: www.mirceakademy.com

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Please select appropriate level of service and corresponding fee.

Group discounts are available please contact us.

The Symposium Fees includes:

- Attendance
- Symposium Material and Supporting Materials
- Lunches and Light Refreshments
- Book "The Origin of MIRCE Science"
- Christmas Dinner on 3rd December
- Free Parking

Value Added Tax (VAT)

Unless special exemption exists, under UK Customs and Excise regulations delegates from all countries are required to pay UK VAT @ 20 % on all courses taking place in the UK. Non-UK delegates may be able to recover VAT incurred via the relevant tax authority in the country of origin of the delegate.

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I understand and accept the registration terms and conditions as shown

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Terms and Conditions

Substitution of participants may be made at any time. If you intend to do this, please advise the MIRCE Science ("the organiser") as soon as possible. Cancellation of a booking must be received in writing by the organiser at least 14 days before the commencement of the Symposium. MIRCE Science regrets that no refunds or credits will be made after the deadline unless the organiser cancels the Event.

The organiser reserves the right to alter the programme or cancel the Summer School at its discretion. All places offered are subject to availability.