



FICO Tools & Analytics User Forum

BERLIN | 11–12 September

Courtyard Berlin City Centre by Marriott



Tuesday 11 th September	
13:00–14:00	Registration Opens
14:00 – 14:45	FICO® Xpress-Mosel in Detail
	Discover recent Mosel innovations including the extension of the Mosel Distributed Framework that now includes remote and cloud computing, plus our new Mosel remote invocation library XPRD. Discover how to make more efficient use of the modeling environment as we cover tips and tricks involving new and less known features
	Oliver Bastert - Director Product Management
14:45 – 15:30	FICO® Xpress-Optimizer in Detail
	We present recent innovations in our core solver, such as heuristics, user branching and solution handling. We will present some tips and tricks on how to tune the solver to get the best performance out of it.
	Michael Perregaard – Principal Engineer
15:30 – 16:00	FICO® Xpress: Latest Innovations and Going Forward
	Join this session to hear about the latest developments in Xpress and partake in a discussion on where we are heading.
	Oliver Bastert - Director Product Management
16:00 – 16:15	Break
16:15 – 16:45	Case Study : Barloworld Supply Chain Software: Optimizing the migration plan
	Businesses sometimes fail to realise all the expected savings identified in strategic supply chain design projects when moving through to the implementation phase. This is because traditional 'static timeframe' network optimisation only shows you 'what' to change in the network configuration, but not 'when' to make those changes. Join this session to hear from Barloworld, who will demonstrate how CAST Aurora's 'multi-time period' supply chain optimisation capabilities will increase savings, over and above traditional approaches, through both robust network reconfiguration, as well as advanced implementation plan optimisation.
	Jim Wilson – Product Manager Barloworld SC Software, United Kingdom
16:45 – 17:15	Case Study: Optimity. Effective S&OP and optimized plans for distribution, production, purchase and inventory
	Optimization is today a viable option not just for strategic and tactical planning but also for operational planning using more granular data. Listen to how some of Optimity's customers have achieved significant returns using optimization.
	Lars Gimbringer – Product Manager, Optimity, Sweden
17:15 – 17:45	Case Study: Orimize. Optimization as a Service
	Attend this session to hear how you can ORIMIZE your business! Discover the value of Optimization Web Services for small and medium enterprises, and how you can use standard models for multiple business challenges. This session will cover the Optimisation as a Service (OaaS) Technology, provide details on the ORIMIZE solutions integration, the ORIMIZE Platform and walk through examples: #1: OR TECHTOUR for Microsoft Dynamics #2: OR ROUTE for Apple iPhone & iPad
	Jens Seelhof - CEO Orimize AG, Germany
17:45 – 18:15	Case Study : Asolvo. Integer Programming Approaches to Sports Scheduling
	The basic question when scheduling sports involves taking into account a variety of different constraints: Minimizing successive home or away-games; assigning the right games to TV broadcasting slots; minimizing the distances driven ; taking care of requests for home or away-games. Over the last four years, we have developed optimization solutions for the German Soccer League (DFL) the German Basketball League (Beko BBL) and the German Hockey League (DEL). Even though all our solutions are based on Integer Linear Programming, they were so different from each other that none of the approaches was able to tackle any of the other leagues' problems. In this talk, we discuss the general aspects of this problem, the differences between the leagues, and our approaches to solve them. We will be also able to show a prototype of sports scheduling software designed in FICO's new Business Optimization Platform Xpress-Insight.
	Prof. Stephan Westphal - CEO Asolvo GmbH, Germany
18:15 -	Opening cocktail Reception - Solution Centre Open



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Wednesday 12 th September	
08:00-09:00	Breakfast - Registration Open
09:00 – 09:15	Welcome to the FICO Tools & Analytics User Forum - David Ross - Channels Senior Director, FICO
09:15 – 10:15	<p>Keynote: g-COM - a new high performance model for Cluster Optimization Discover the power of g-COM in combination with FICO. In many applications relevant high-dimensional business data hide structures that reveal important information like profiles of customers, orders or cases. Hear how the Galor Cluster Optimizatio Model can detect inherent structures and how predictions about characteristics of new customers, orders and cases can be made. Designed as a learning system g-COM can be applied even when it is not known which parameters are causal and which variables are dependent; Learning from new cases and subsequent information; even from partial information g-COM delivers value in many areas including: insurance tariffing, adequate pricing of credits, or prediction of customer behaviour, and large scale logistics optimization for which clustering of geographical data is important.</p> <p>Prof. Andreas Brieden, Galor GmbH, Germany</p>
10:15- 10:45	Keynote: Innovation in Decision Management- Don Griest- Senior Director Product Management, FICO
10:45 -11:00	Break
11:00- 12:00	<p>Putting the power of optimization in the hands of business users Xpress-Insight enables business users to carry out in-depth what-if analytics and support better decision making. This session will include how business users can work with the model in business terms, create new scenarios by adapting data and parameters, identify limiting factors and spare capacity, understand the trade-offs and sensitivities implicit in the business problem and more.</p> <p>Oliver Bastert - Director Product Management, FICO</p>
12:00 – 13:30	Lunch - Solution Center Open
13:30 – 14:00	<p>Case study: E.ON. Optimisation Framework for E.ON's European Power Plants European Economic Generation Optimisation Tool A general optimization tool used for a wide range of power generating assets within E.ON in Europe. How Xpress is being used to simplify valuing power generation assets.</p> <p>Dr. Colin Silvester - Sr. Optimization Expert, E.ON New Build & Technology, UK</p>
14:00 – 14:30	<p>Case study: Pöyry. Modelling Electricity Markets Providing leading-edge consulting and advisory services for the whole value chain in energy, forest and other process industries the Pöyry energy practice is a leading provider of strategic, commercial, regulatory and policy advice to energy markets. With core strengths in electricity market modelling, based on linear programming that balances demand and supply minimising the variable cost of electricity generation for a defined portfolio. Hear about the basics of the modelling, including key simplifications, discuss architecture and problem formulation, and how Pöyry use distributed computing and database connections to reduce model run time.</p> <p>Kostas Theodoropoulos - Lead Developer, Pöyry, UK</p>
14:30 – 15:15	<p>Artelys. Nonlinear optimization with Xpress-SLP and KNITRO: specific strengths and complementarities Attend this session to learn about Xpress-SLP and KNITRO: two best-in-class solvers for nonlinear optimization. The specific strengths of each solver and their complementary functionalities will be presented.</p> <p>Sylvain Mouret - Artelys SA, France, Zsolt Csizmadia – Senior Engineer, FICO</p>
15:15-15:30	Break
15:30 - 16:00	<p>Case study: TradeExt. Sourcing Optimization Sourcing Optimization enables companies to take cost, risk, environmental impact, etc into account while sourcing goods and services. For over ten years, our software and services has helped many global companies to make their sourcing decisions, and new advances (such as cloud computing) has taken our software to areas beyond sourcing.</p> <p>Fredrik Ygge - CEO, Trade Extension, Sweden</p>
16:00-16:30	<p>Case study: Detech. Managing Uncertainty in Financial Institutions The lessons of the financial crises have demonstrated the need for efficient predictive analytics tools for managing uncertainty in the financial services industry. The presentation discusses the application of a scenario-based stochastic programming approach to strategic financial management in banking, securities and insurance.</p> <p>Antti Korhonen - Ceo, Detech, Finland</p>
16:30 – 17:30	<p>FICO® Xpress Optimization Suite Client Panel and User Feedback Your chance to ask that burning question. Hear from and ask questions during this interactive panel and user feedback session</p>
17:30	Close