



CRSA Conference Sports, Data, and Journalism

October 25, 2018

Conference Program

🕒 08.00 - 08.45 📍 Room: RAA Entrance Hall

Welcome Coffee & Registration

🕒 08.45 - 09.00 📍 Room: RAA G-01-AULA

Opening Speech by Helmut Dietl, Chairman CRSA

🕒 09.00 - 10.30 📍 Room: RAA G-01-AULA

Plenary Session

Applying Artificial Intelligence to Sports
by Costas Bekas, IBM Research

Evidence Based Strategic Decision Making in European Football
by Mark Kassis & Sefton Perry, UEFA

Analysing more than 300,000 shots: How Opta – the world leader in sports data - is decrypting the football code
by Dirk Ifsen, OPTA/Performgroup

Session Chair: Helmut Dietl, University of Zurich

🕒 10.30 - 12.00

📍 Room: SOE-E-1

Academic Session I

Are fixtures between "rival" teams more
hotly contested than fixtures between
non-rivals?

by Garry Gelade, Business Analytic Ltd.

Psychological and Genetic Factors

Affecting Performance in Athletes

by Nilüfer Köylüoglu, Istinye University

Determinants of football fans' happiness in

Russia

by Iulia Naidenova, Higher School of
Economics

Networks in the market of football agents

by Giambattista Rossi, Birkbeck College,
University of London

*Session Chair: Johannes Orłowski,
University of Zurich*

🕒 10.30 - 12.00

📍 Room: SOE-E-2

Academic Session II

Outcome vs. performance? Biased
decisions behind management changes:

Evidence from soccer

by Markus Weinmann, University of
Liechtenstein

Video games and unemployment

by Petr Parshakov, Higher School of
Economics

Referee behavior and performance in the
Football Bundesliga:

The role of teams' running distance and
speed

by Pamela Wicker, German Sport
University Cologne

*Session Chair: Agnes Bäker, University of
Zurich*

🕒 10.30 - 12.00

📍 Room: RAA G-01-AULA

Data Journalism Session I

How Journalists Mold Computers Into
Powerful Assistants

by Barnaby Skinner, Tamedia

Football Match Reporter

by Jure Stabuc, Office for National
Statistics UK

Can A Machine Spot the Next James
Rodríguez?

by Haluka Maier-Borst, Neue Zürcher
Zeitung

*Session Chair: Thomas Friemel, University
of Zurich*

🕒 12.00 - 13.00 📍 Room: RAA Entrance Hall

Lunch

🕒 13.00 - 14.00 📍 Room: RAA Entrance Hall

Academic Session III - Poster Session

Generating Competitive Advantages in the NBA using Data Analytics

by Tobias Berger, Friedrich-Schiller-University Jena

Context-driven evaluation of single player performances in Swiss ice hockey

using large data sets, expected goal values and elastic net regressions

by Garret Binding, University of Zurich

Does hosting a sports team boost the visibility of a city among tourists?

by Bruno Caprettini, University of Zurich

Wise and unwise in-season head-coach dismissals

by Raphael Flepp, University of Zurich

The Phantom Menace or a New Hope?:

How German Sports Journalism is Affected by Automation in the Newsroom

by Jessica Kunert, Ludwigs-Maximilian University Munich

Daily Fantasy Sports: Chance or Skill, Applying The Efficient Market Hypothesis

by Jeremy Losak, Clemson University

Political Discrimination in Football: Evidence from Russian and Ukrainian Leagues

Cornel Nesseler, University of Zurich

Management dismissals and their effect on employee effort and ability:

Evidence from the German Bundesliga

by Johannes Orlowski, University of Zurich

Are Workers Rewarded for Inconsistent Performance?

by Anil Özdemir, University of Zurich

Never Change a Winning Team—But What if Disruptions Do?

Team Familiarity's Role in Mitigating Harmful Team Based Disruptions

by Surabhi Pasarakonda, ETH Zurich

Thirst for Glory: Are Players Motivated by Milestones?

Arseniy Stolyarov, Higher School of Economics

Diversity in sports coverage - A topic modeling analysis of sports media coverage

in Switzerland from 2010 to 2017

by Daniel Vogler, University of Zurich

The Effect of Status upon Longevity: Swiss Wrestlers, 1735-1918

Gabi Wüthrich, University of Zurich

🕒 13.00 - 14.00 📍 Room: RAA-G-01-AULA

Data Science Workshop I

Network Visualization using Gephi

by Thomas Ebermann, Liip

Please download and install [Gephi](#) in advance.

🕒 14.00 - 15.30 📍 Room: RAA-G-01-AULA

Data Journalism Session II

The Edge - Top-Level Figure Skating Judges Consistently Favor Skaters
From Their Home Countries

by John Templon, BuzzFeed News NYC

Roger Federer - 20 Years 20 Titles

by Angelo Zehr, Swiss Radio & Television

'Closed shop' Premier League clubs £100m richer than EFL before bumper TV rights

by Paul Bradshaw, British Broadcasting Corporation

Session Chair: Sylke Gruhnwald, Republik

🕒 15.30 - 16.00 📍 Room: RAA Entrance Hall

Coffee Break

🕒 16.00 - 17.30 📍 Room: RAA-E-27

Academic Session IV

A Comparison of Covariate-based Prediction Methods for FIFA
World Cups

by Andreas Groll, TU Dortmund

Tilt in Chess: Mistakes Provoke New Mistakes

by Dmitry Dagaev, Higher School of Economics

SEW Soccer Analytics

by Michael Lechner, University of St. Gallen

Fantasy Football Meets Machine Learning: the Dynamic Game

Case and a Note on Strategy

by Gleb Vasiliev, Toros Research

Session Chair: Egon Franck, University of Zurich

🕒 16.00 - 17.30 📍 Room: RAA-G-01-AULA

Data Science Workshop II

Introduction to Data Analytics with Python

by Ulrich Woitek, University of Zurich

Please download and install Python 2.7 in advance. We
recommend the [Anaconda](#) distribution.

🕒 17.30 - 18.30 📍 Room: RAA-G-01-AULA

Keynote Speech

Football Doesn't Play Moneyball

by Chris Anderson, The University of Warwick

🕒 18.30 - 19.00

Travel to FIFA Museum, Seestrasse 27, 8002 Zurich

Tram Nr. 5 from Kantonsschule to Bahnhof Enge

🕒 19.15 - 22.00 📍 FIFA Museum, Seestrasse 27, 8002 ZH

Dinner at FIFA Museum

Validity of Performance Data in Sport
by Nicolas Evans, FIFA



**Universität
Zürich**^{UZH}
Digital Society Initiative



**Kanton Zürich
Regierungsrat**