

Welcome



**Nico
Weydert**

*President of
the LSS*

The newsletter of the Luxembourg Statistical Society intends to keep you informed on recent and upcoming events. Mid-June, **Ms Lucile Bodson and Mr Guillaume Osier** will shed light on how people in Luxembourg spend their time. A new STATEC survey intends to bring up information on **life in Luxembourg**. The two statisticians will present the survey and its astonishing results **on 16 June 2016**.

When it comes to statistics, the first things that often come to mind are formulas, manuals and statistics courses. However, we often ignore the genesis of these methods. Only a few statisticians also worked as historians to investigate the historical and scientific context of breakthroughs in statistical science. Alain Desrosières, Anders Hald, Jean-Jacques Drosbeke and Philippe Tassi are among those having made interesting contributions to the history of statistics. **In September** our Society will have the opportunity to welcome one of the most outstanding historians in this field: **Mr Stephen Stigler, professor of statistics in Chicago**. Stephen Stigler has written a renowned **History of Statistics**, especially on the measurement of uncertainty before 1900. A few weeks ago, he published a new book "The Seven Pillars of Statistical Wisdom". In his eyes, these pillars form the basis of science of statistics and can be considered, as Stigler says, as the "intellectual taxonomy" of the statistical science.

Save the date! More information in our next Newsletter.

Empirical Phenomena and Universal Laws

On 6 April 2016, the LSS welcomed **Professor Peter McCullagh** (University of Oxford and Chicago), for a lecture on the theme "Empirical phenomena and universal laws". In this talk, Peter McCullagh has explained how Fisher's log-series distribution is a consequence of three mathematical axioms: exchangeability, consistency and self-similarity.

The implications for empirical studies of a similar sort were also introduced, including Fairfield-Smith's work on the variance of spatial averages.

The conference was attended by about 25 participants at the Amphithéâtre of the Centre Hospitalier Luxembourg.

Visit Professor Peter McCullagh's [personal web page](#)



Training in Luxembourg



A 2-day course on statistical issues and controversies in drug development was given by **Stephen Senn**, Head of the Competence Center for Methodology and Statistics at LIH (Luxembourg Institute of Health), and Founding Member of the LSS.

The course, based on Stephen Senn's book *Statistical Issues in Drug Development*, covered important issues and controversies with which statisticians working in drug development are confronted.

This training was the occasion to initiate a fruitful dialogue between medical statisticians and the life scientists with whom they collaborate.

More information on the manual is available on [Stephen Senn's website](#)

Next LSS Conference

Mark your calendars!

16 June 2016



Time use of Luxembourg residents

Ms Lucile Bodson & Mr Guillaume Osier

On **16 June 2016**, a lecture will be given by Ms Lucile Bodson and Mr Guillaume Osier on the theme "Time use of Luxembourg residents". The conference will be held at:

**Grande salle du Conseil Economique et Social - Bâtiment du Centre Administratif Pierre Werner,
13 rue Erasme L-1468 Luxembourg**

The conference will start at **5:00 p.m.** and will be conducted in French.

Abstract

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Time use surveys are long-established diary-based surveys, gathering detailed information on how people spend their time across a day. For every 10-minute slot of a day, time use diaries aim at collecting the activities carried out by a person, along with contextual information such as the location, the mode of transport (if any), whether the person was alone or not at that moment or whether or not the person enjoyed the activity.

Time use data shed light on important contemporary issues, for instance: - Working time arrangements; - Work-life balance, importance of voluntary work; - Intra-household share of domestic activities; - Accessibility to services (opening hours for stores, childcare centres, etc.); - Mobility (traffic problems)

In 2014, STATEC conducted a survey on time use among the resident population aged 10 or more. After explaining the main advantages of having time use data for socio-economic analysis, we focus on the survey which was carried out by STATEC in 2014, emphasizing its methodological features and the main issues in relation to its design and its implementation. Finally, time use estimates are presented for the resident population in Luxembourg.

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Download the [publication](#) (in French)

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Ms Lucile Bodson is statistician, and a member of the Time Use Survey team. She is working as an expert for STATEC.

Mr Guillaume Osier is statistician in the "Living Conditions" unit at STATEC

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About the speakers

Register at admin@luxstat.lu

Other Upcoming Events

Save the date: 13 September 2016



The LSS is delighted to announce a lecture of [Stephen M. Stigler](#) (University of Chicago) in Luxembourg on September 13 (late afternoon). His talk will touch on the History of Statistics.

More information will be posted soon on our [website](#). Stay tuned!

A two day conference on [Data Mining with Big Data](#) will be organised in Metz on 23 and 24 June, by the working groups of the [EGC association](#). This year, the program will focus on "Smart Cities" and "Internet of Things".

[Statistical Modeling Conference](#)

organised in Ghent on September 15 and 16 by **Professor Christophe Ley**, Vice-President of the LSS.