METHODS OF PREPARATION OF THE SCIENTOMETRICS

For www.aias.us, two feedback programs are used: WebLog 2.53 and Webalizer 2.01. For www.upitec.org, Webalizer 2.01 is used. Occasionally, www.awstats.com is used for www.aias.us. Recently, www.statcount.com has been used for www.aias.us. WebLog 2.53 is the best and most accurate software and has been used consistently back to 2002 for www.aias.us. WebLog 2.53 records hits, distinct visits, bytes downloaded, page views, average downloads per distinct visit and average time spent by a distinct visitor. It also records referrals, and provides an overall activity report, and an access details report which shows which items are being read by which visitor. WebLog is used for the first part of the daily report on www.aias.us, and Webalizer for the second part. Webalizer also records hits, distinct visits, bytes downloaded and page views, and orders the number of visits by country. These data are used in the two weekly and monthly reports in the filtered statistics section of www.aias.us.

It is found that the number of hits for www.aias.us recorded by WebLog and Webalizer is almost exactly the same. WebLog and Webalizer detect roughly the same number of bytes downloaded. For example, WebLog has detected 192 gigabytes downloaded in the past twelve months and Webalizer detected 162 gigabytes in 2016. WebLog detects more distinct visits and page views for www.aias.us than Webalizer So Webalizer misses a lot of data. Similarly www.statcount.com and www.awstats.com miss a lot of data for www.aias.us. Accordingly WebLog is used to calculate the number of page views per month per author (x) for www.aias.us. It is estimated that this figure is doubled for combined sites www.aias.us and www.upitec.org. This means that if WebLog 2.53 were used for both sites the results for www.aias.us would be roughly doubled.

In 2016, 623.350 gigabytes were detected by Webalizer for www.upitec.org, and 162.730 gigabytes were detected by WebLog for www.aias.us. This is a total of 786.08 gigabytes. So www.upitec.org recorded 3.83 times more downloads than www.aias.us. The factor of two is therefore conservative when dealing with bytes downloaded. The factor of two is accurate for hits (memory files downloaded). Webalizer misses a lot of page views and distinct visits, so do www.statcount.com and www.awstats.com. The reason for this is obscure, it may be that the Webalizer, awstats and statcount are coded to filter out some data. This is an arbitrary procedure out of our control, so we use the feedback software that detects the most data, i.e. the most accurate feedback software.

Accordingly WebLog 2.53 is used to calculate x in a conservative way. This puts the impact of www.aias.us FAR ahead of top ten universities in the world as measured by webometrics. AIAS / UPITEC is still FAR ahead if the impact is measured with www.statcount.com, webalizer or www.awstats.com

In terms of books, a total of 786.08 gigabytes is 215,600,000 printed pages, using one printed page is equal to 3,646 bytes. Thsi conversion factor is used daily in the early morning reports. Assuming that a book is 200 printed pages, over a MILLION book equivalents are downloaded every year from www.aias.us and www.upitec.org. This indicates an enormous amount of sustained worldwide interest in ECE theory.