

Università degli Studi della Basilicata

L (A) BORATORIO

DI VALUTAZIONE



# Publication Culture and Research Evaluation in Computer Science

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# Question 1: Conferences vs Journals <sup>My VIEW</sup>

Should we try to convince everyone else that we are different ?

**FATIGUE**

**UNAVOIDABLE  
BUT DIFFICULT...**

Should we adapt ?

**MISSION: IMPOSSIBLE**

**UNFEASIBLE IN  
THE SHORT TERM**

Publish proceedings in journals?

Confusion

**TOO  
ASYSTEMATIC  
YET**

# Question 2-3: Agencies and Bibliometry <sup>My</sup>VIEW

Are there cases where bibliometry is inevitable?

 A CHOICE  
ALREADY MADE...

Are there alternatives?

PEER  UNFORTUNATELY  
REVIEW NOT...

The best sources?



CONFERENCE-AWARE!  
BEWARE  
MANIPULATIONS!



# Conference Ratings: An Italy-Spain Proposal

<http://valutazione.unibas.it/cs-conference-rating/>

Started in 2014  
by the Italian CS  
societies

Soon to be joined  
by the Spanish  
SCIE Society

Version 1: early 2015

Version 2: upcoming  
(end of 2016)

## Downloads

- [The GII-GRIN Conference Rating](#) (Excel .xlsx file) - last updated: January, 24th 2015

## Additional materials

- [A collection of comments to this proposal sent to the Joint Committee by GII and GRIN members](#) (in italian)
- [A response to the comments by the GII-GRIN Joint Committee](#) (in italian)
- [The Joint GII-GRIN Meeting - Rome, March 5th, 2015](#) (in italian)

## Legenda

Class	Ratings	Size	Description
Class 1	A++, A+	32 + 34 = <b>66 conferences</b>	excellent, top notch conferences
Class 2	A, A-	84 + 88 = <b>172 conferences</b>	very good events
Class 3	B, B-	215 + 153 = <b>368 conferences</b>	events of good quality
-	W	2602 conferences	work in progress

(For details on the rating algorithm, see the [link above](#))

## Search Conferences

Name   Sample: \*int\*conf\*data\*

Acronym   Sample: vldb or \*ubi\*

Class   Sample: 1 or 2 or 3

Rating   Sample: A++ or A+ or A or A- or B or B-

Collected Ratings   Sample: A++, A++, A++ or A+, A, A

# Conference Ratings:

## An Italy-Spain Proposal

<http://valutazione.unibas.it/cs-conference-rating/>

Step 1: Fully algorithmic approach

Combines three base sources, different approaches  
(CORE, Microsoft Academic, SHINE)

Simple consensus algorithm

Step 2: Possible corrections by the community

Title	Acronym	Class	Rating	Collected Classes	Qualified Classes						
ACM SIGMOD INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA	SIGMOD	1	A++	A++, A++, A++	CORE:A++, MAS:A++, SHINE:A++						
▼ Detailed Ratings (click to expand)											
CORE-2013:											
Acronym	Title				Class	FoR					
SIGMOD	ACM Special Interest Group on Management of Data Conference				A++	804					
Microsoft Academic Research:											
Acronym	Conference	Class	FieldRating	RankFieldRating	ClassFieldRating	AvgCitations	RankAvgCitations	ClassAvgCitations	Publications	RankPublications	Citations
SIGMOD	ACM SIGMOD International Conference on Management of Data	A++	117	19	A++	31,5	75	A++	2128	110	67029
SHINE-Google Scholar:											
Acronym	Conference	Class	H-Index	RankH-Index	ClassH-Index	AvgCitations	RankAvgCitations	ClassAvgCitations	Publications	RankPublications	Citations
SIGMOD	ACM SIGMOD International Conference on Management of Data	A++	151	4	A++	72,66	24	A++	1183	76	85959

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Ongoing work on identifying research communities

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THANKS