



## **TATTARILLO AWARD 2013**

### **“APPROPRIATE TECHNOLOGY AND SOUTH OF THE WORLD”**

#### **INTERNATIONAL THESIS AWARD** **7<sup>th</sup> EDITION**

#### **- Rules and Regulation -**

##### **ART. 1 – COMPETITION TOPIC**

The International Thesis Award “Premio Tattarillo” (in the following Tattarillo award) for Bachelor, MS and PhD theses is organized by “Ingegneria Senza Frontiere – Firenze ONLUS” (Engineering without Borders – Florence, in the following ISF-Fi) in the memory of Tommaso Fiorentino: friend and fellow in Environmental Engineering at the University of Florence who tragically died in November 2003.

The objective of the Award is to stimulate the interest of students and international academia community in sustainability topics in the “**South of the World**”, namely the realities where a group of individuals have no access to resources for their own realization within the social context of belonging.

In particular, Tattarillo Award aims to deepen and circulate the concept of “Appropriate Technology” as an instrument for:

- knowledge transfer and awareness spreading among populations, to promote development models appropriate to their specific socio-economic and environmental reality;
- satisfying the needs of a community arising from its own socio-economic and environmental reality;
- supporting the debate and the encounter among different cultures also through discussion regarding technological choices.

The Award is addressed to **person graduated in any University with a Bachelor Degree or a Master Degree or a PhD**. The thesis may belong to any faculty; they are not limited to Engineering faculties. The defence of the submitted thesis must have been held between the closing date of the present Award and no earlier than 1st January 2010.

Participant thesis have to deal with **studies and/or applications of appropriate technologies** in context classifiable as **South of the World**.

**Tattarillo Award 2013 will award 3 prizes of 1000 € each.** The judging panel and the supporters of the Award can also confer special mentions.

The **prize-giving public ceremony** will be held in the month of **June 2013** in the “Salone de’ Dugento” hall in Palazzo Vecchio, Firenze.

As in past editions, ISF-Fi will draw up and **publish** (in paper form and/or via web) a **collection of the reports of accepted thesis**.

##### **ART. 2 – THESIS EVALUATION**

The evaluation phase is conducted by the judging panel nominated by ISF-Fi. The evaluation phase will be conducted based on the report submitted. The panel may refer to the full text of the thesis for close examinations and clarifications.

The evaluation will be conducted in regard of the following aspects:

- origin and objectives of the thesis: it is important that the project design has deeply considered ideas and perceptions expressed by local stakeholders (e.g. future beneficiaries). In particular, the development of aims and project focus should have been built with a bottom up approach without any strong influence from above;
- direct involvement of beneficiaries and local communities: the way by which acquaintance and debate with local stakeholders is facilitated, in order to promote the involvement of a large range of actors in the decision making process;
- analysis of traditional technological approaches: once the topic of the thesis has been identified, it is important to consider and evaluate traditional technologies and methods usually adopted by local community to deal with such topic, also in relation to the present knowledge in the scientific field;
- reproducibility of the solution with local available resources: in particular it is necessary to understand how the availability of the local resources have been included in the design criteria, whether they are human, economical, technical and natural;
- simplicity in design, management and maintenance: the proposed solutions need to address and consider design and maintenance of the technology, in accordance with the local conditions;
- multidisciplinary approach: a correct approach to the issue has to take into account several aspects, involving a large range of disciplines;
- social, economical and environmental sustainability of actions and activities (eventually) proposed;
- completeness of the study: in scientific and academic terms;
- achieved results and possible future developments: value of thesis results and possible future developments of the the study undertaken;
- knowledge transfer to local communities: it is fundamental the results are shared with the beneficiaries, in a way that stakeholders can develop important knowledge to maintain an further develop the achieved results in order to promote autonomous development processes.

### **ART. 3 – PUBLICATION AND COLLECTION OF ADMITTED THESIS**

Since Tattarillo Award intends to facilitate the exchange of experiences and ideas in the field of Appropriate Technology in the South of the World, reports of admitted thesis will be collected in a publication (in paper form and digital online). Therefore it's required the submission of the above mentioned **report according to the requirements specified in art. 4**

### **ART. 4 – ADMISSION TO THE COMPETITION**

The participants must send, via post or "brevi manu", in a single sealed envelope with the caption "Partecipazione al Premio Tattarillo 2013", **no later than the 31/01/2013** (date as postmark) to **Ingegneria Senza Frontiere – Firenze ONLUS c/o Dipartimento di Ingegneria Civile - Via di Santa Marta 3 - 50134 – Firenze**, the following material:

- *in digital form on a single CD o DVD*:
  - **thesis report**: a presentation of her/his thesis in the form of a report (maximum **six A4 pages**) including figures and **an abstract of 12 lines**, in **.doc or .odt format (no .pdf)**, as specified by ISF-Fi on the website <http://www.isf-fiorenze.org/premio-tattarillo-tattarillo-award/il-premio-the-award-1>;
  - **copy of the thesis**;
  - **A2 poster** (not binding) as specified on the website <http://www.isf-fiorenze.org/premio-tattarillo-tattarillo-award/il-premio-the-award-1>;
- *in paper form, signed in original*:
  - **admission form**, filled out as specified on the website <http://www.isf-fiorenze.org/premio-tattarillo-tattarillo-award/il-premio-the-award-1>;
  - **declaration of conformity**, filled out as specified on the website <http://www.isf-fiorenze.org/premio-tattarillo-tattarillo-award/il-premio-the-award-1>.

Entrants must also send *only* the **admission form** to the following e-mail address: [premiotattarillo@gmail.com](mailto:premiotattarillo@gmail.com).

Application form received after the closing date or missing the required material or containing material not prepared as specified on the website <http://www.isf-fiorenze.org/premio-tattarillo-tattarillo-award/il-premio-the-award-1> will be denied. The submitted material of the participant thesis will not be returned.

The thesis submitted to the previous editions of Tattarillo Award will not be admitted to the Evaluation Phase.

By participating in the competition, authors allow ISF-Fi to make public the report sent and signed by the author through website and/or publications. Permission is no time-limit and does not need further declarations. ISF-Fi may use published material for nonprofit fundraising. There is no payment for the authors.

## **ART. 5 – GENERAL RULES**

The participation in the competition implies the full acceptance of the present rules.

Possible integrations and modifications to the present regulation will be communicated on the website <http://www.isf-fiorenze.org/premio-tattarillo-tattarillo-award/il-premio-the-award-1>, official organ for all the communication regarding the present Tattarillo Award. Individual participants can communicate with ISF-Fi via the e-mail address [premiotattarillo@gmail.com](mailto:premiotattarillo@gmail.com).

The expert panel has the right to decide not to award one or part of the prizes and/or award one or more prizes ex-aequo.