



## Preparation of papers for IMProVe 2011

N1. Surname1<sup>(a)</sup>, N2., Surname2<sup>(b)</sup>, N3., Surname3<sup>(c)</sup>

- (a) Author Affiliation  
(b) Author Affiliation  
(c) Author Affiliation

### Article Information

#### Keywords:

K1, maximum five keywords  
K2,  
K3,  
K4,  
K5.

#### Corresponding author:

Name1 Surname1  
Tel.:  
Fax.:  
e-mail:  
Address:

### Abstract

#### Purpose:

Original papers that present an original research, industrial application or engineering process are recommended. See the IMProVe [Topics](#) for more detail.

#### Method:

Papers should be comprised between 4 to 10 pages. Papers must be submitted in English.

#### Result:

All the papers must be written in Arial font, adopting this template for character size, margin, text spacing, etc.

#### Discussion & Conclusion:

Submit the full paper in Microsoft Word (\*.doc or \*.docx) format without authors name, authors affiliation and corresponding author. Submit the revised final paper in Microsoft Word format including authors name, authors affiliation and corresponding author.

## 1 Introduction

As you can see, my starting point is very down-to-earth, and it may seem to some that I have treated the most spiritual matter in too terrestrial a fashion; but I may be permitted to observe that the goods of the Greeks were not enthroned in the seventh or in the tenth heaven but on the Olympus, taking a giant-sized stride not from sun to sun but, at most, from mountain to mountain.

### 1.1 80/20 rule (how to use foot note, references and sub-titles)

A high percentage of effects in any large system are caused by a low percentage of variables<sup>1</sup>.

#### 1.1.1 Pareto's Principles

The 80/20 rule assert that approximately 80 percent of the effects generated by a large system are caused by 20 percent of the variables in the system. The 80/20 rule is observed in all large systems, including those in economics, management, user interface design, quality control, and engineering, to name a few [9].

### 1.2 Equations

Cite the equation in the text as eq. 1, eq. 2. All formulas must be numbered consecutively:

$$E = m \cdot c^2 \quad (1)$$

<sup>1</sup> Also known as Pareto's Principle. The first recognition of the 80/20 rule is attributed to Vilfredo Pareto, an Italian economist who observed that 20 percent of the Italian people possessed 80 percent of the wealth.

$$\sigma = \frac{\sum_{i=0}^n (x - x_i)^2}{n} \quad (2)$$

### 1.3 Tables and table captions

All tables must be numbered and called in the text as tab. 1. Insert a blanc line before the tables.

Column 1	Column 2	Column 3	Column 4
a	b	c	d
e	f	g	h

Tab. 1 Table with four column.

### 1.4 Bulleted and numbered list

For the bulleted list use this format:

- first,
- second,
- third.

For the numbered list use this format:

- 1) first,
- 2) second,
- 3) third.

### 1.5 Figures and figure captions

All figures must be numbered and called in the text as fig. 1, fig. 2.

## 2 Conclusion

Quelli che s'innamorano di pratica senza scienza sono come il nocchiero che entra in naviglio senza timone o bussola e mai ha la certezza di dove si vada. Sempre la pratica deve essere edificata sopra buona teoria.



Fig. 1 IMProVe logo.



Fig. 2 IMProVe venue: Rialto bridge.

## Appendix

Appendixes, if needed, appear before the acknowledgement.

## Acknowledgement

Ogni nostra cognizione, principia dai sentimenti.  
Leonardo Da Vinci.

## References

- [1] Indicate references by number(s) in square brackets in line with the text. In order to call a reference use the [n].
- [2] Follow the next example: [3-4] paper on journal, [5] paper on proceeding, [6] chapter in a book, [7, 9] book, [8] web site.
- [3] X. Fischer and D. Coutellier. *Editorial*. International Journal on Interactive Design and Manufacturing 1, 1 (2007) pp 1-4.
- [4] I. Horváth. *A treatise on order in engineering design research*. Research in Engineering Design 15, 3 (2004) pp 155-181.
- [5] N1. Author1, N2. Author2. *Title of the paper*. Proceedings of IMProVe, June 15<sup>th</sup> – 17<sup>th</sup>, 2011, Venice, pp 1-10.
- [6] N. M. Patrikalakis, T. Maekawa. *Shape Interrogation for Computer Aided Design and Manufacturing*. Springer-Verlag 2002.
- [7] J. Baumeister, D. Seipel, F. Puppe. *Refactoring Methods for Knowledge Bases*. In *Engineering Knowledge in the Age of the Semantic Web*, Springer 2004, pp 157–171.
- [8] IMProVe 2011 website. <http://www.improve2011.it/> accessed 12 Oct 2010.
- [9] W. Lidwell, K. Holden, J. Butler. *Universal Principles of Design*. Rockport Publishers, Inc. 2010.