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ATI is a founding member of **CEPIS (Council of European Professional Informatics Societies)**, the Spain's representative in **IFIP (International Federation for Information Processing)**, and a member of **CLEI (Centro Latinoamericano de Estudios en Informática)** and **CECUA (Confederation of European Computer User Associations)**. It has a collaboration agreement with **ACM (Association for Computing Machinery)** as well as with diverse Spanish organisations in the ICT field.

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## ATI: Boosting the Future

In its 2014 General Assembly, ATI, the 47-year old Spanish association which publishes **Novática**, set the foundations for a new stage in the development of its activities. The big changes occurred in the profession's structure and the huge advances in technology in the fields of information and communication make necessary a transition towards a new model in the functioning of our association which combines agility, efficiency and new ways of participation for our members. With special mention of our aim of international reach and presence reinforced with the recent approval of a new category of international membership at ATI.

The action plan approved in the General Assembly includes as the main priorities:

- **Internationalization:** This is going to be one of our cornerstones for the future with a special focus on ATI's expansion in Latin American Spanish speaking countries.
- **Services for Members:** ATI members will continue to be the centre of our attention.

For this purpose we are planning to create a variety of offers of professional activities and training intended to be attractive both in content and cost. All of them having the ATI trust mark as a guarantee.

■ **Brand and Communication:** We aim to further develop and enhance our communication channels. That's to say the newsletter we publish on a weekly basis, increasing participation in social networks as well as promotion and spreading of our activities. With a special emphasis on **Novática**, the improvement of its digital version and the search for collaborative partnerships to increase its spread.

■ **Sustainability:** We will continue to streamline our financial structure to ensure the viability of our activities by creating a model which allows us to keep them attractive without a further impact on costs and membership fees.

■ **Professionalism:** We are planning to define a structure and concept of the IT profession and of the quality of its development as a framework for our

international activities.

■ **Networking:** This is without a doubt one of our main reasons for the existence of our association and therefore we should keep improving our capabilities to establish relationships among our members based on their interests and preferences.

■ **Changes in ATI Bylaws:** We will create a working group to prepare a proposal for a new associative framework that aligns with the aforementioned goals of gaining relevance and influence in national and international contexts whereas our organization becomes more agile and responsive to IT professionals.

To sum up, we can say that after our General Assembly, ATI is fully prepared to continue with its role of being the IT association leader in Spain representing our professionals worldwide.

**Dídac López Viñas**  
President of ATI

## From the Chief Editor's Pen

### Process Mining: Taking Advantage of Information Overload

In the so called "information era" almost every simple event can be digitized. In fact, speaking in business terms, we could say that all of them will be digitized without a doubt because it is easy and cheap.

But, is it really cheap to do that? Not necessarily. Being able to browse through thousands of millions of event records is not synonymous with success in business. By contrast, it can lead you to failure if you don't have appropriate tools to manage the glut of information.

In other words, we are not going here to discuss the value of having that plethora of information but how to take advantage of it while avoiding its associated problems.

Data Mining, Business Intelligence are (relatively) new approaches to tackle this issue and we have broadly covered these topics in **Novática** in the last years. Nevertheless, let me say that "mining data" or "applying intelligence to business" sound like incomplete approaches. "Do you aim to extract just 'data' from all that information?" you could object to the former solution. "You apply 'intelligence' to business, but how

systematically?" you could argue with the partisans of the later.

In that context, Process Mining appears to be the missing link or at least one of the most important of them. This is the feeling you get when you are introduced to this new discipline in business terms. Indeed it looks plausible to think that all business events whose historical data are being stored on a daily basis respond to business models and patterns. And, besides, it looks really feasible to think that artificial intelligence techniques could help you to surf into how your data is connected in order to discover process models and patterns you are not aware of.

The deeper you go into the subject the more you feel this is definitely a very promissory approach. Especially considering that in the business arena the concept of "process" is more and more placed at a higher level than "data" or even "data collection". Nowadays, the emergent trend to set out corporate governance goals and business compliance requirements use the concept of 'business process' as their elementary unit of work.

All those reasons have led us to select this monograph entitled "**Process Mining**" whose guest editors have been **Antonio Valle-Salas** (Managing Partner of G2) and **Anne Rozinat** (Co-founder of Fluxicon) for the present Special English Edition of **Novática**.

We thank very much to the guest editors and the authors for their highly valuable contribution to the monograph. Sincere thanks must be extended to **Arthur Cook**, **Jim Holder**, **Roger Shlomo-Harris** and **William Centrella** for their excellent work in the edition of the articles.

I hope you enjoy this issue as much as we did during our process of edition.

**Llorenç Pagés Casas**  
Chief Editor of **Novática**

