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.IT QUARTER

è un supplemento di **focus .it**

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IF 2014

IF

INTERNET FESTIVAL 2014
FORME DI FUTURO

**MATERIA PRIMA
PER LA RIVOLUZIONE DIGITALE**

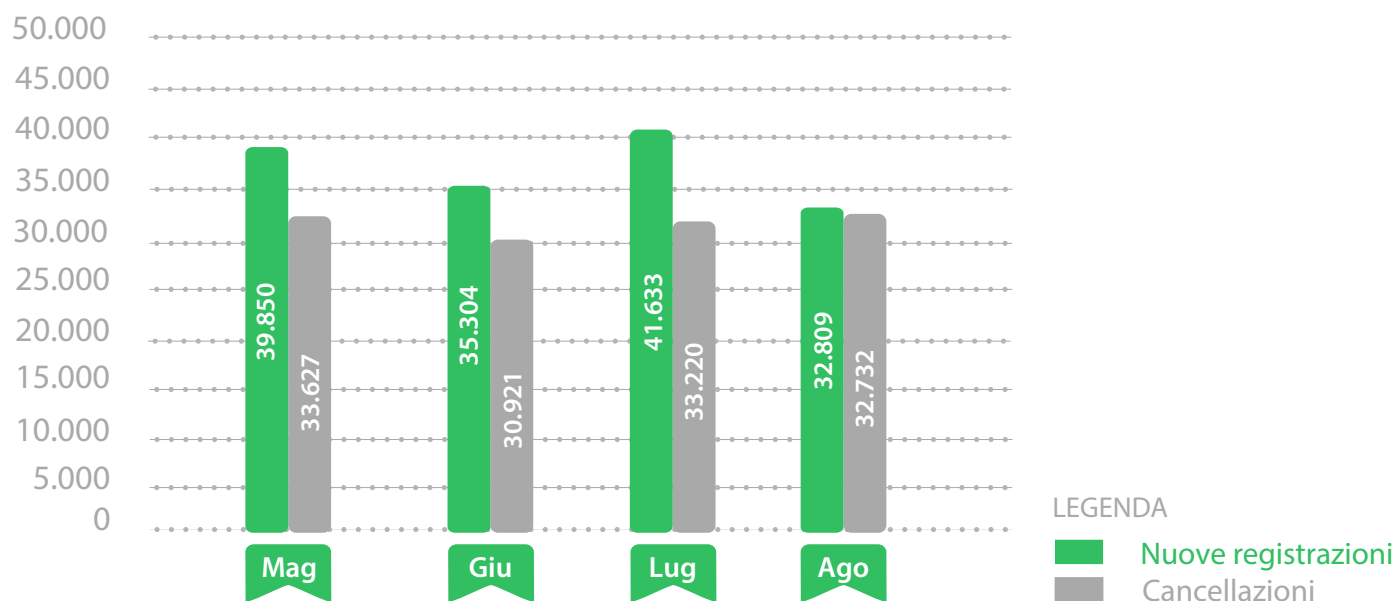
WWW.INTERNETFESTIVAL.IT

9-12 OTTOBRE
PISA

Icons and text on the poster include: DESIGN TO INNOVATE, TAKE THE MONEY, GO GREEN, MAKE IT HAPPEN, BREAK THE RULES, COOPERATION WANTED, and various other thematic icons.



Matter is the **key word** of the 2014 edition of the **Internet Festival**, which for four days (9th-12th October) will enliven the Net and the city of Pisa. The intense programme will take place at around fifteen locations and in eight sections, with topics ranging from culture, participation, opportunities for young people, start-ups, design, the business of games, up to the complex relationship between hackers and privacy. The events of Registro .it at the Festival will be dedicated to **new business ideas** with **.itCup Day**, and to the collaboration for the realisation of 'Bootstrap', organised by Startupitalia!. In 2014 the **Research Area** of CNR returned to being the base for several events, amongst which: two panels dedicated to the **Criminal web** and to the hackability of smart objects organised within the section **Break the rules** "the dark side of the Web"; and **SENSEable City Lab**, the virtual site of the laboratory of urban innovation at MIT (Massachusetts Institute of Technology), which has created an ad hoc installation specifically for the Festival to make the project known, and to be the means of realising the mobility of the future.



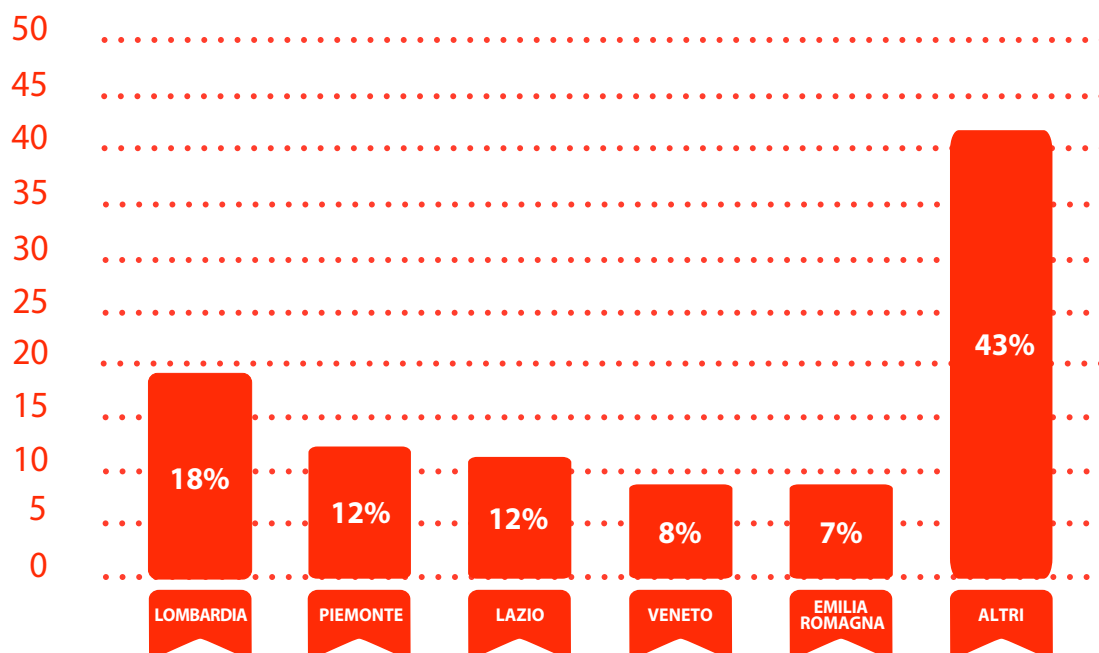
GROWTH OF NEW REGISTRATIONS

July was the month of the quarter with the highest number of new registrations (almost 42 thousand). Although in August there was an ex aequo between registrations and cancellations, the monthly average of new registrations for the second quarter, with the balance after cancellations, closed on a positive (19 thousand new domains)



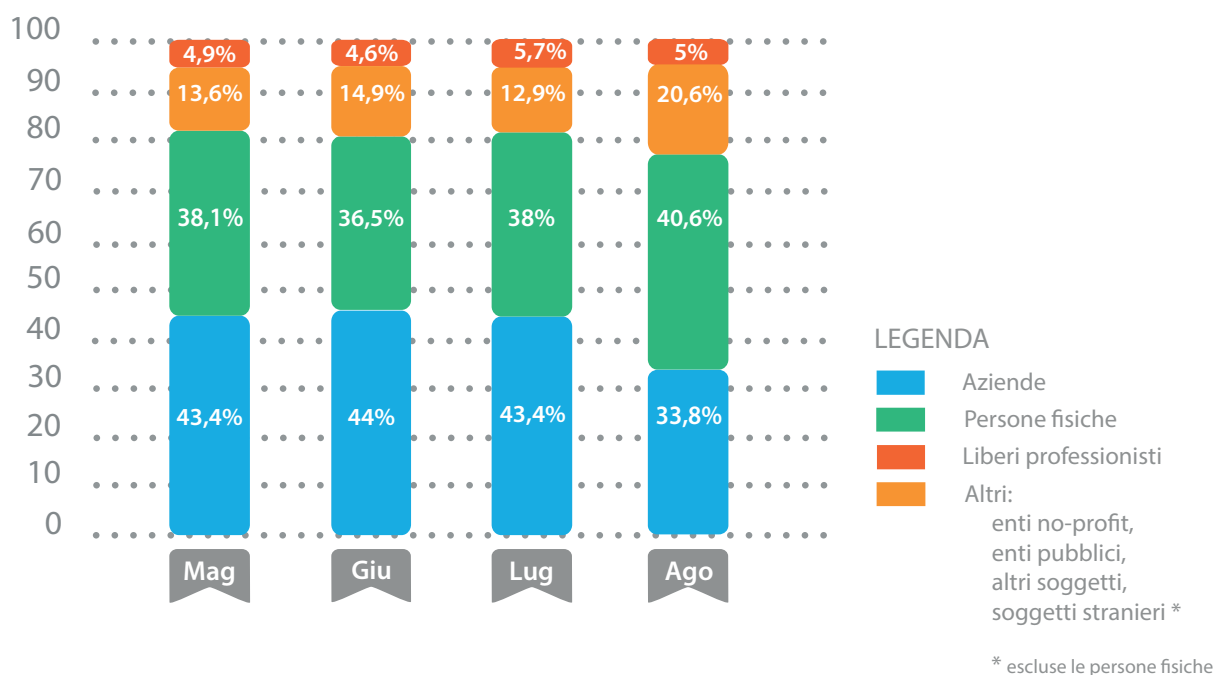
ANNUAL GROWTH

Compared to 2013, there have been about 58 thousand new domains that increase the annual growth, albeit with modest numbers that aligns to the net growth of other registries of the Country code top-level domain



Lombardy and Piedmont are confirmed to top the leader-board with the most registered .it names. Lazio holds the third position. The absence of the South, once again excluded from the first 5 positions, highlights the digital divide between North and South

TOP REGIONS



Among the categories of assignee of domains (registrants), businesses remain anchored in first position, followed by physical persons

ENTITY TYPES

The numbers for the 2013-2014 school year

The activity of the Ludoteca .it, a project dedicated to primary schools and, since last year, to secondary schools as well, has been continuing successfully. The results of the Registro .it project relative to primary schools are excellent: lessons in **53 classes**, **18 schools** visited, **1,031 children** attended and involved. In total, **119 hours of training**. Equally good was the data relative to **secondary schools**, despite the debut only being made recently during this school year just ended: **25 classes** visited, **6 schools** in which lessons were given, **533 children** encountered, and **25 hours of training** in total.



The Ludoteca .it in transfer

The Ludoteca of the .it Registry will be among the protagonists of **Smart Education & Technology** days, an exhibition-conference dedicated to schools and training, held from the **9th to the 11th October**, at the City of Science in Naples. In November, on the other hand, the Ludoteca will be in Genoa, as a guest of Abcd, the Italian salon of reference for the world of "education".

The event will also be the occasion for the launch of a multimedia product, compatible with Lim (multimedia interactive whiteboards), dedicated to the world of the Internet and of domains.



Systems and Technological Development Unit: new features and innovations

Francesca Nicolini

In August 2014 various new features and technological innovations in the system of registration of .it names were implemented on the test platform of the Registrar.

The new developments * include:

- The extension of IDNs to the 24 official languages of the European Union, which will inevitably lead to an increase in the number of characters allowed during registration. At the present time, the Registro .it only accepts 21 accented characters belonging to three languages: Italian, French, and German.
- The modification of the duration of the pendingTransfer period, reduced from 3 to 1 calendar days, to minimise possible disruptions related to the lack of visibility on the Net of domains subject to modification operations of the Registrar.
- The sending of e-mails to billing contacts of the Registrar, following the procedure for the calculation of credit thresholds: the Registrar will be informed of the reaching of the various alarm thresholds relative to the remaining credit (on the basis of domains due to expire within the following 21 days, 7 days, etc.).
- The removal of the 30-day time constraint related to domains which are inactive/dnsHold: with the new system the names will be able to remain in this state for an unlimited time. In fact, this state will be assimilated to the state of ok (however without delegation in the zone of .it).
- The new features of the Rain-Ng portal reserved for the Registrar, which will lead to the disposal of the old

The screenshot shows the 'Rain NG - Registrar Advanced Interface Next Generation' web interface. The main heading is 'Dati Registrar - Informazioni Pubbliche Registrar'. Below this, there is a form titled 'Informazioni Pubbliche Registrar' with a sub-header 'Permette di inserire o modificare le informazioni che saranno pubblicate nel sito web ad accesso pubblico del Registro'. The form contains several fields: 'Nome' (REGISTRY-REG), 'Ragione Sociale' (WORLD IT Registry), 'Indirizzo' (Via Giuseppe Moncali, 5), 'Città' (Pisa), 'Provincia' (PI), 'CAP' (56124), 'Paese' (Italy), 'Telefono' (+39 058519811), 'Fax' (+39 058519420), 'E-mail' (info@registro.it), and 'Indirizzo Web' (http://www.registro.it). At the bottom, there is a 'Data Aggiornamento' field showing '6 agosto 2013 10.13.35' and a 'Compilazione Obbligatoria' note. There are also 'Approva' and 'Annulla' buttons at the bottom.

Rain portal. In particular, they provide the integration of news, of the Registro training courses (with the relative modules), and of a management system of users, for the Registrar.

- The new DNS validation service via the Web, which allows verification of the online configuration of the nameserver authorisations for a domain.
- The elimination of the name and contact ID fields of the Whois sight, in order to make the identification of the name of the Registrant of a domain, whether a physical or legal person, more immediate.
- The modification of the timeout for EPP sessions, reduced from 30 to 5 minutes, in order to reduce possible downtime of the Registrar

**More detailed information on the Rain-Ng portal reserved to the Registrar.*

With .itCup “we form” the enterprises of tomorrow

Stefania Fabbri

As every year, the search for business ideas continues with .itCup, the business competition of the .it Registry. The call for entries was closed on the 11th July, and by that time had registered a good **eighty-nine** new business ideas. **Ten** of those selected were: the **Cervellotik** platform, a peer-to-peer network for e-learning, that enables the meeting of students with difficulties and “brains” able to resolve them; the **Fatture in Cloud** platform for invoicing and VAT management aimed at professionals, tradesmen, and small businesses; **GrowingApps**, the app for smartphones and tablets with educational games for families and specialists; **GoodAppetito**, a platform that suggests recipes based on the products that are on promotion in your supermarket to save time and money; **Madeup**, the platform that enables companies to provide information about a product through the NFC (Near Field Communication) tag technology; **Makoo** that produces 3D printed jewellery that is “modelled” by the sound of your voice; **Slapped**, an app that allows someone to throw their friends any kind of challenge; **Swap Party**, the app to exchange new and used clothing, following the reuse principle of the sharing economy; **Tickete** that allows users to earn money on any purchase with a simple picture of their receipt; and **Veicoli**, a system for the management of small fleets of vehicles that operates on both smartphones and tablets.

The .it Registry offers the ten selected ideas **2 days of training** in Pisa to structure the business and its communications, as well as a networking event specially organised in collaboration with local entities.



.itCup Day

Stefania Fabbri

Also this year, within the Internet Festival, .itCup will be participating with an **all-new format**. On the morning of the 10th October, the protagonists of the **10 start-up finalists** will present their pitch behind closed doors, and receive feedback from the investors present. Among these will be Tim Ventures, H-Farm, Key Capital, Nana Bianca, Var Group, the “Keepers of Success” Business Angels of the Net, Marco Bicocchi Pichi from IBAN (winner of the “Business Angel of the Year” award), Giovanni De Caro from Atlante Ventures, and Paolo Lombardi from TrentoRise. At the end of the pitches, **the investors will select only five ideas** to go through to the finals in the afternoon, which will open with a panel on the theme of the Italian start-up. The judges on the panel will then select the finalists and award the prizes provided by the partners of .itCup. Among the prizes: an air ticket to San Francisco and enrolment on the three weeks programme at the prestigious **Start-up School of Mind The Bridge**, for the chance to touch base with the protagonists of innovation of the Silicon Valley. The prize is offered by the **Denoth Foundation** (dedicated to Franco Denoth, scientist and Head of .it Registry).

Spotlight, last year's start-up winners who attended the School of Mind The Bridge, obtained **financing of 200,000 euros**. The round was led by investors from IBAN - the Italian Business Angel Network - and one of the co-founders of Fastweb. With the funding, the business aims to consolidate its presence in Milan, and to grow on a national and international level. The app is already generating revenues, with a commission on each booking or ticket sold. The it.Cup is combined with **.ITFAN, a social engagement competition** that is dedicated to giving visibility to the business ideas of the ten start-up finalists during the month prior to the event final. The start-up that receives the most votes is proclaimed the winner during .itCup Day, and receives a free strategic consultancy as recognition from iDNA, the Digital Agency that is the organiser of .ITFAN and a partner of .itCup2014.

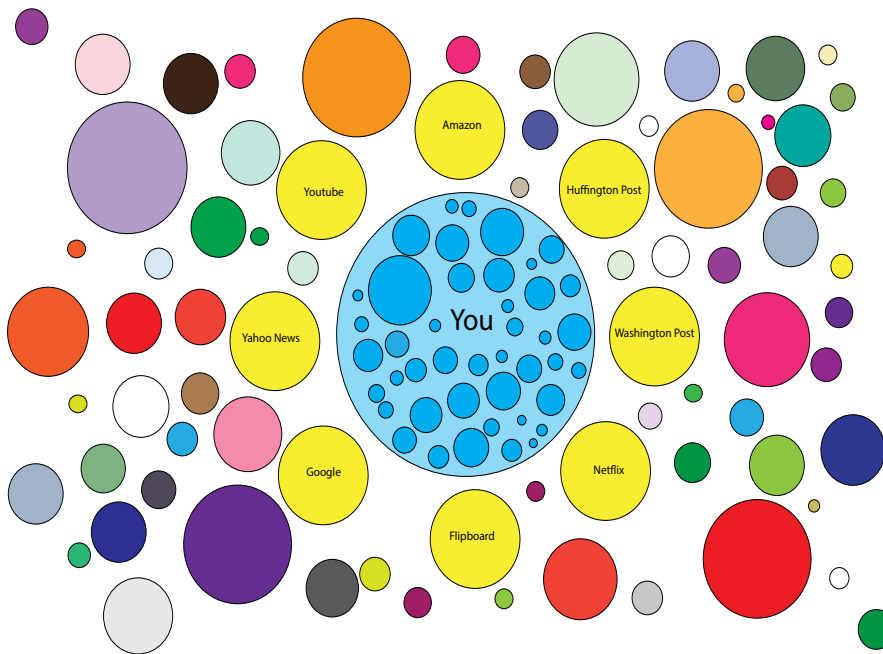


MIB, “My Information Bubble”

Marinella Petrocchi



The increasing use of the Internet and of social media, for the management of relational networks and for the search and sharing of data, raises questions about the quality of the information provided to the user. Those navigating must be able to assess the quality of the data circulating in the “big web” and be able, therefore, to distinguish between genuine and false information, knowing that the algorithms designed by the big players in the Web (search engines, social media sites, etc.) apply ad hoc filters to the search results. On this basis, the MIB (My Information Bubble) project was born, to give experienced users practical help while surfing on the Internet. The concept of the protective bubble, originally theorised by Eli Pariser in his book *The Filter Bubble: What the Internet Is Hiding from You*, hypothesises a virtual world where users of the Net are unknowingly trapped in bubbles of personalised information, created by search engines and major social platforms as a consequence of automatic profiling, and often implicitly, by the interests and behaviours of the users themselves.



Beware of bubbles! Do they really exist? To what extent do they condition our knowledge ?

The reliability of the information online is further threatened by the spread of fake profiles and content, such as, for example, the proliferation of misleading reviews especially introduced to discredit (or advertise) products, services, and events.

The main objective of the MIB project is to return control of the reachability, authenticity, and relevance of the information available on Social Media and on the Web to the users. The objective will be achieved through the creation of an executable application on the most popular search engines and Social Networks, which is able to:

- 1) break down the automatic filtering of the data,
- 2) identify false information, and
- 3) invest the user with the possibility to dynamically personalise the search results.



MIB, for information adjusted according to MY filters!

The MIB project was initiated in June 2014 and will run for two years. It is funded by Registro.it and provides for the active collaboration of the Institute of Informatics and Telematics of the Italian National Council of Research (IIT-CNR) and of SYSMA, the SYStem Modeling & Analysis group, at the IMT Institute for Advanced Studies in Lucca.

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Centr



(for members only)

8th CENTR Security workshop, Dublin (Ireland)

27 October 2014 (Dublin, Ireland)

Technical Workshop

31st CENTR Technical workshop, London (United Kingdom)

02 November 2014 (London, United Kingdom)

Marketing Workshop

15th CENTR Marketing workshop, Belgrade (Serbia)

27 November 2014 (Belgrade, Serbia)

Ripe NCC

The 69th international meeting of Ripe will be held in London at the Novotel London West Hotel from the **3rd to the 7th of November**.

Ripe69 will focus on recent developments in the field of engineering and operations of the Net: from the development of IPv6 to the new technologies of the "data centre".

More information is available on the website

<https://ripe69.ripe.net/>

On the **18th and 19th of November** the IRNIC, the registry of domain names in Iran, will host the first RIPE NCC regional meeting in Tehran (<http://www.ripe.net/ripe/meetings/regional-meetings/ripe-ncc-regional-meeting-tehran>). The event will be an important occasion for all operators in the sector interested in forging relationships with the Iranian registry, for possible future cooperation

Icann



The 51st ICANN meeting is scheduled to take place at the Hyatt Regency Century Plaza in Los Angeles, from the **12th to the 16th of October**. Icann51 will focus on contractual issues affecting registries and registrars, on ways to combat the illegal use or abuse of the Internet naming system, and on initiatives and strategies designed to increase competition on the Internet.

Further details are available at

<http://la51.icann.org/en>

IETF



From the **9th to the 14th of November** the 91st meeting of the Internet Engineering Task Force will be held at the Hilton Hawaiian Village in Honolulu, in the Hawaiian Islands. During the 5 days of the meeting there will not only be workshops, seminars, and working groups, but also social events and leisure time. For those interested, details and information are available at <http://www.ietf.org/meeting/91/>

Annual Meeting of .it Registry

Thursday **11th of December** will be the time of the annual meeting of .it Registry: the registry of Italian domains will meet the Registrar: an eagerly awaited occasion to review the entire year just past, through the facts, events, and projects that have characterised 2014, and to establish new and important objectives for 2015

