

# CURRICULUM VITÆ



1. name: Fabio Nicolini
2. born: Terni (Italia), 27.12.1963
2. web - email: www.fabionicolini.com - fabio@fabionicolini.com
3. address: Av. Joao Goulart 401, Vidigal 22450-241 RJ (Brasile) ☎ (21) 3323 4745
4. skills: Tech and IT consulting, software development, business intelligence, problem solving, research, teaching
5. education:

|      |                              |                                    |  |
|------|------------------------------|------------------------------------|--|
| 1989 | <b>Graduation in Physics</b> | Università di Roma “La Sapienza”   | multidimensional non-linear cosmology<br>atmospheric dynamics at sinoptic scale<br>critical phenomena and probability theory |
| 1991 | <b>Specialization</b>        | Int. School of Adv. Studies, Erice | astroparticle physics (Theories Of Everything)   |
| 1995 | <b>Post graduation</b>       | Università di Perugia              | physics of aggregate states - astrophysics   |
| year | object                       | institution                        | discussed thesis   |

6. research activities:
  - **Researcher in Cosmology** - Osservatorio Astronomico di Roma (1989-1992)
  - **Admitted to PhD in Physics** - Università di Salerno (1992)
  - **Fellow at Istituto di Matematica** - Università di Roma “La Sapienza” (1992)
7. publications:
  - **Hypothesis on the geometry of a multidimensional universe** “Atti dell’Accademia Pontaniana”; Napoli (1995)
8. teaching:
  - **Instructor seminar** on “*Environmental Science and Sustainable Development*” - High Schools and Colleges, Terni (1988 and 1992)
  - **Professor of mathematics and physics** - High Schools and Colleges, Roma and Terni (1991-1994 and 2005-2006)
  - **Member of commission** - High Schools end of course examination, IPSIA Sandro Pertini, Terni (1994)
  - **Computer lab Assistant** - Diploma in Economy DUEC (Univ. di Perugia), Terni (1996-1998)

9. professional activities:

|           |   |  |
|-----------|---|--|
| ❖         | customers   |  |
| 2015-1995 | <b>Tubificio di Terni</b> (Thyssen Krupp)           | teel pipes for automotive and building           |
| 2015-2014 | <b>X3 Solutions</b>                                 | information technology                           |
| 2014-1999 | <b>Faurecia</b> (ex Emcom, ex Zeuna Stärker Italia) | catalyzed exhaust systems for motor vehicles     |
| 2014-2008 | <b>Aspasiel</b> (Thyssen Krupp)                     | information technology, hosting database         |
| 2013-2003 | <b>König Metall GT</b>                              | steel components for automotive industry         |
| 2013-2012 | <b>Edil Gori</b>                                    | profiles and precast concrete elements           |
| 2010-2003 | <b>Tecomultiservice</b>                             | warehouses, deposit accounts, logistics          |
| 2004-2000 | <b>Cassa di Risparmio di Terni e Narni</b>          | bank and foundation                              |
| 2000-1997 | <b>Tad Energia Ambiente</b> (ex Agarini group)      | energy production, water and wastewater managing |

❖ products  
 industrial accounting; schedules based on orders; reporting; integration and synchronization of database; cost analysis of production lines, product cost and price formation; lines saturation and rounds attribution; recording and statistical analysis of processes; optimizing production sequencing; managing quality certification; archives tests and claims; warehouse management, rotations, deposit accounts, technical stock, LIFO and FIFO inventory valuation; automated schedule of maintenance systems and devices; material check with skip-test method; income statement at standard cost and simulations; managing deadlines bills; personnel files; production bonus vc productivity; systems of incentive ideas and improvements; management of safety devices; web-sharing modules and confidential informations; signatures checking; management and reporting of investment funds.

❖ researches  
 customer consumption based on sales forecasts and target productions; new materials; productions and processes optimizations; identification of process variables and control charts; primary territorial resources: water, air, soil, forests, agricultural crops; collection and management systems of production processes wastewaters; productivity of local energy sources; viability of projects for the production of energy from renewable sources; dimensioning of energy production systems and logistics optimization.

10. scientific and informatic skills: differential geometry, algebra, fondamentale e applied physics, office automation, database
11. human and professional profile: openness, communication, collaboration, critical thinking, innovation, resistance to stress
12. personal interests and hobbies: motorcycle, car, boat sailing and motor license, restructuring, representations
13. languages (mother tongue **Italian** = 5):

|                   |      |       |      |       |
|-------------------|------|-------|------|-------|
| <b>English</b>    | 4    | 4     | 4    | 4     |
| <b>Portuguese</b> | 4    | 3     | 4    | 4     |
|                   | read | write | hear | speak |