



**Selezione LNF/C7/21824**  
**Profilo professionale di Collaboratore di Amministrazione VII Livello**

**DOMANDE PROVA ORALE**

DIRITTO AMMINISTRATIVO

- 1) La candidata illustri in quali tipi di responsabilità il dipendente pubblico può astrattamente incorrere
- 2) La candidata illustri quali sono i principi richiamati dall'art. 97 della Costituzione che regolano l'attività amministrativa?

NORMATIVA SUGLI ENTI PUBBLICI DI RICERCA

- 3) La candidata illustri cosa si intende con "personale associato" di un Ente Pubblico di Ricerca
- 4) La candidata illustri cos'è un "assegno di ricerca"

INGLESE

- 5) La candidata legga e traduca il seguente testo

**Naturally I'm a scientist**

CERN's female scientists share their stories for the International Day of Women and Girls in Science

Manuela Cirilli: "Follow your dreams: you won't regret it."

*"At the age of 16, I wanted to be a journalist, at 17, an architect, and at 18, I visited CERN and immediately knew that I wanted to work here," says Manuela Cirilli. "I felt that the scientists here were leaving their mark on the history of humankind, by transforming our understanding of the universe."*

Manuela is responsible for medical applications in CERN's Knowledge Transfer group, the team that promotes the use of CERN's technologies for the wider benefit of society.

Manuela is a bit of a Swiss army knife when it comes to physics: multi-talented with a varied career. After gaining her physics doctorate through work on CERN's NA48 experiment, she took part in the development of the enormous ATLAS detector and later became a member of the





ATLAS experiment's management team, all the while developing her passion for communication with the general public. She took a master's degree in communication, published articles, got involved in the production of videos and worked on a European project to develop cancer therapy using hadron beams (hadron therapy), before eventually moving into knowledge transfer. "This job allows me to use my scientific and communication skills at the same time," she says.

6) La candidata legga e traduca il seguente testo

### Naturally I'm a scientist

CERN's female scientists share their stories for the International Day of Women and Girls in Science

Magdalena Kowalska: "Physics is a labour of love"

Magdalena Kowalska has energy and courage to spare. The Polish physicist has received a prestigious grant from the European Research Council (ERC) to lead a project at the cutting edge of biology and nuclear physics. Scheduled to start operation this year, the experiment will use CERN's nuclear physics facility, ISOLDE, to study how metal ions interact with molecules such as proteins or DNA. This could have applications in medical biology, for example, particularly in the study of certain diseases.

Magda (as she's usually known) has been fascinated by maths and physics since childhood. She went into the field without worrying about the small number of women in it. "I haven't experienced any prejudice and the fact that there are so few women actually motivated me, because I wanted to rise to the challenge," she explains. She was one of two Polish students to benefit from CERN's summer student programme in 2001. She was then offered a contract with a German university to complete her doctorate at ISOLDE and went on to hold a post-doctoral position at the nuclear research facility before being selected as its Physics Coordinator.

