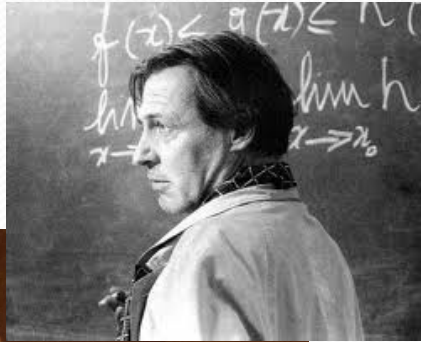


To Antonio Di Nola, a Neapolitan Mathematician



Tonino is indicated by a downarrow.

To the right you can see a photo of **Renato Cacciopoli**., a great Neapolitan mathematician.



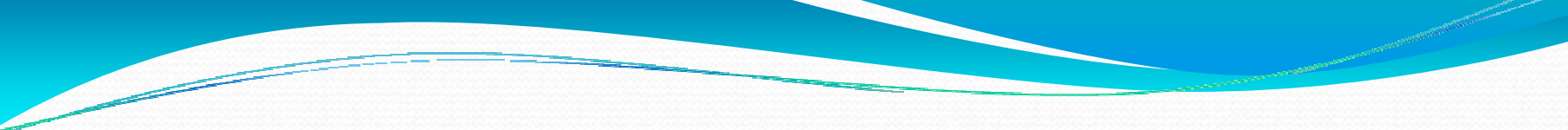


We will see from his CV that **Tonino is a VIP.**

-**Director of the Department** of Mathematics of the University of Salerno.

-**Leader of our research project** ‘Logic and algebra of uncertain information’.

-Leader of our **MATOMUVI** leader, **Luca Spada**, so leader of leaders.



Leader of a strong and well recognized group in Fuzzy Logic (Giacomo Lenzi, Luca Spada, Annarita Ferraioli). Long standing collaboration with many people from Salerno and Napoli, Gianni Gerla, Ada Lettieri, Salvatore Sessa and Brunella Gerla, and many other famous researchers around the world.

One of the few people in Italy who was able to obtain **three research positions in logic** (Brunella, Giacomo and Luca).

But it is not finished, and we all hope Tonino will obtain **other positions** in the future.



-**Referee** for important international journals of logic, algebra and computer science.

-Editor in Chief of "**Soft Computing**", Springer-Verlag.

-Associate Editor of **International Journal of Computers, Communications and Control**, **Fuzzy Sets and Systems**, **Mathematica Slovaca**, **Optimization and Decision Making**.

Tonino has several important results about **many-valued logic**:

- A representation theorem for MV-algebras (the famous **Di Nola's Theorem**).
- Several **categorical equivalences** between categories of MV-algebras and categories of ℓ -groups or semirings.
- An axiomatization of all varieties of MV-algebras.
- A characterization of the varieties of MV-algebras having the **amalgamation property**.

His recent interests involve **algebraic geometry in MV-algebras** and **non-standard MV-probability**. I am happy about the second subject, because my talk will be precisely about that topic.

But I always think of him as a Neapolitan Mathematician. This terminology was used for the famous mathematician Renato Cacciopoli, but perhaps Tonino is even more Neapolitan than him.





Here are some insights:

-Many mathematicians produce good results after **a long fight** with the theorem. Tonino is not like this: he has **beautiful intuitions** and **ingenious ideas**, but he does not like technicalities.

-Some people may be more accurate, but if something goes wrong, then they are lost.

Tonino **is not worried** about organization, but just when one has the impression of a complete failure, he can always find a **good solution** with his magic stick.

I didn't know Tonino when he was young, but still I can contribute remembering the past.



....Oh come grato occorre
nel tempo giovanil,
quando ancor lungo
la speme e breve ha la
memoria il corso,
il rimembrar delle
passate cose...

(Giacomo Leopardi, *Alla
luna*)

ACKNOWLEDGEMENTS

-On behalf of italian logicians and of the community of fuzzy logic for your leadership of several projects in logic

On behalf of your colleagues in Salernoi for your rganization activity and for your leadership at the department of mathematics.

-On behalf of your students or ex students for your training activityand for promoting bright young researchers.

-On behalf of your friends and colleagues for your friendly behavior and for your scientific contribution.

THANK YOU TONINO, AND HAPPY BIRTHDAY!