



IFT - UNESP

INSTITUTO DE FÍSICA TEÓRICA

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Ricardo D'Elia Matheus



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1971 – Graduate program is created. Funded by: BNDES and FINEP (responsible for salaries)



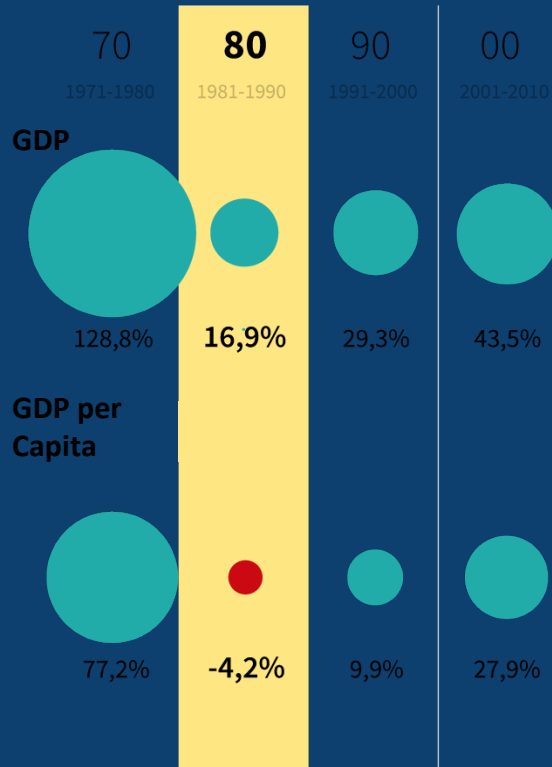
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From the very start IFT, has maintained a tradition of being a small institution (in number of professors) with a **sizeable footprint** in the Brazilian physics community:

- Paulo Leal and Jorge Leal were both involved in the creation of FAPESP and the Brazilian Physical Society (SBF)
- Paulo Leal created the first Brazilian publication in Physics, which later turned into the Brazilian Journal of Physics (BJP) under Jorge Leal
- IFT has always had members in the scientific councils of funding agencies (both at federal and state level) and SBF

1980's – the “Lost Decade”, economic crisis makes funding very scarce, specially for small non-governmental, non-profit institutions like IFT



Source: IBGE, Banco Central (Data); Gazeta do Povo, 23/July/2017 (Plot)



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1987 – IFT joins UNESP (São Paulo State University)

UNESP was founded in 1976, as a merger of various research and higher learning institutions on the state of São Paulo.



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2009 – IFT moves from its historical building into the new UNESP Campus of São Paulo



UNESP in numbers:

- 48 institutions in 24 cities, all over the state (~ size of the UK)
- 136 undergraduate courses
- 3,700 professors, 38,000 undergrad students
- 149 graduate programs
- 14,000 graduate students (~ 3,200 graduate per year)

Source: UNESP Yearly report 2017 (2016 data)



University	Web of Science Documents
Universidade de Sao Paulo	54,108
Universidade Estadual Paulista	20,023
Universidade Estadual de Campinas	17,279
Universidade Federal do Rio de Janeiro	16,203
Universidade Federal do Rio Grande do Sul	14,611
Universidade Federal de Minas Gerais	13,294
Universidade Federal de Sao Paulo	10,667
Universidade Federal do Parana	8,233
Universidade Federal de Santa Catarina	7,908
Universidade do Estado do Rio de Janeiro	6,433
Universidade Federal de Pernambuco	6,420
Universidade Federal de Vicosa	6,373
Universidade de Brasilia	6,218
Universidade Federal de Sao Carlos	5,794
Universidade Federal de Santa Maria	5,750
Universidade Federal do Ceara	5,621
Universidade Federal Fluminense	5,441
Universidade Federal de Goias	4,217
Universidade Federal da Bahia	4,198
Universidade Estadual de Maringa	4,067

Performance of Brazil's leading universities, 2011-2016.

Source: Research in Brazil – A report for CAPES by Clarivate Analytics, 2017



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IFT in numbers:

- 16 professors, 76 students
- ~200 papers published per year
- Maximum grade in the CAPES evaluation of graduate progs.

Research areas include:

Quantum Field Theory, String Theory, Cosmology, Gravitation, Gravitational Waves, Nuclear Physics, Mathematical Physics, Atomic Physics, Few Body Physics, Particle Physics, Hadron Physics, Cold Atom Physics, Condensed Matter Physics, Nonlinear Dynamics and High Energy Experimental Physics (CMS group)



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Host for other institutions:



SPRACE



SPRACE game

Masterclass



ICTP
SAIFR

International Centre
for Theoretical Physics
South American Institute
for Fundamental Research



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IFT Events and Outreach activities:

Outreach talks

PINT OF SCIENCE
As partículas quânticas e seus segredos
"Uma palestra científica tão incrível que até o bóson de Higgs vai querer participar!"
- ChatGPT

Ricard

Bar Beer & Belly
Rua Caravelas, 319 - Vila Mariana
24 de maio, quarta-feira, 19h

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FÍSICA AO ENTARDECER

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Advanced Summer Courses

Disciplinas de Verão
Partículas Elementares

Prof. Sérgio Novaes
27 de Jan. - 21 fev. (2020)
Inscrições: 15 de Dez 2019

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**XLII Congresso
Paulo Leal Ferreira
de Física**

Student organized
Conference
(for many years!)



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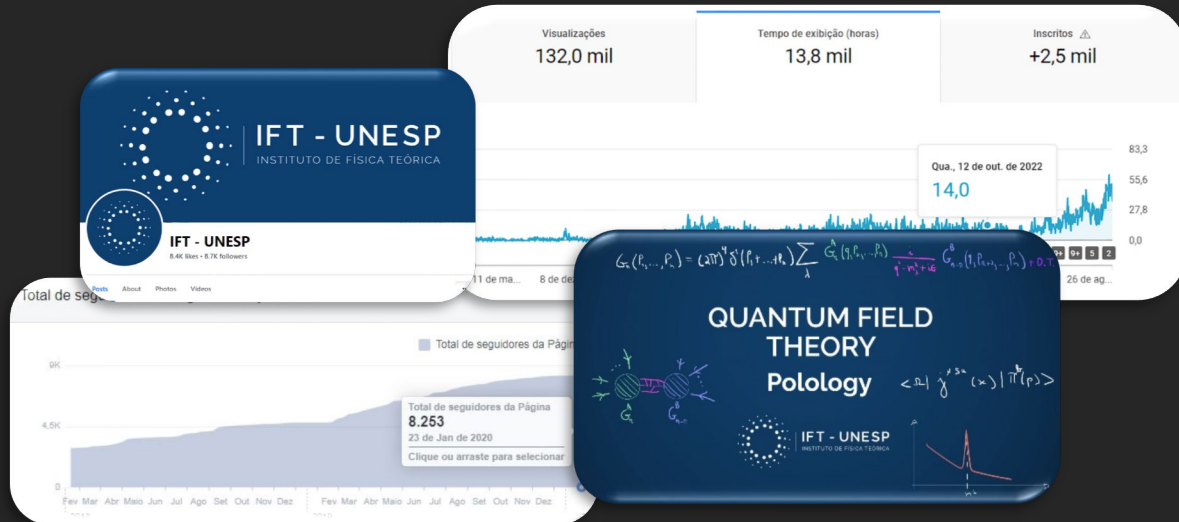
IFT Events and Outreach activities:

Some events are turning into joint efforts with ICTP-Saifr

Perimeter-SAIFR
JOURNEYS
INTO THEORETICAL PHYSICS
JULY 17-23, 2023
IFT-UNESP, São Paulo

PI PERIMETER INSTITUTE
ICTP SAIFR International Centre for Theoretical Physics South American Institute for Fundamental Research
ICTP PERIMETER SCHOLARS INTERNATIONAL
unesp IFT-UNESP
FAPESP IFT-UNESP

Online / Social network presence





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THANK YOU
FOR YOUR
ATTENTION!

<https://www.ift.unesp.br/>

https://www.youtube.com/@ift_unesp

<https://www.facebook.com/ift.unesp>

<https://www.ictp-saifr.org/>