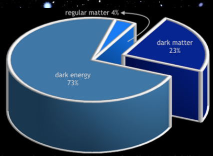
What is Dark Matter?
It's the matter that we can't see because doesn't emit any light.

How do we know it exists?
Through gravitational interactions such as collision of galaxy clusters. We also know that 20% of Universe is made of dark matter.

What we don't know yet?
The nature of dark matter, if it's made of just one kind of particle, and how they might interact with each other.

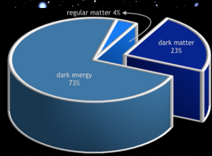


Scan and find out more!

What is Dark Matter?
It's the matter that we can't see because doesn't emit any light.

How do we know it exists?
Through gravitational interactions such as collision of galaxy clusters. We also know that 20% of Universe is made of dark matter.

What we don't know yet?
The nature of dark matter, if it's made of just one kind of particle, and how they might interact with each other.

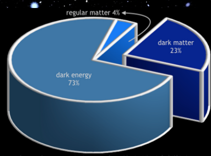


Scan and find out more!

What is Dark Matter?
It's the matter that we can't see because doesn't emit any light.

How do we know it exists?
Through gravitational interactions such as collision of galaxy clusters. We also know that 20% of Universe is made of dark matter.

What we don't know yet?
The nature of dark matter, if it's made of just one kind of particle, and how they might interact with each other.

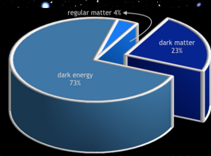


Scan and find out more!

What is Dark Matter?
It's the matter that we can't see because doesn't emit any light.

How do we know it exists?
Through gravitational interactions such as collision of galaxy clusters. We also know that 20% of Universe is made of dark matter.

What we don't know yet?
The nature of dark matter, if it's made of just one kind of particle, and how they might interact with each other.

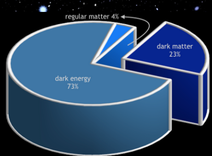


Scan and find out more!

What is Dark Matter?
It's the matter that we can't see because doesn't emit any light.

How do we know it exists?
Through gravitational interactions such as collision of galaxy clusters. We also know that 20% of Universe is made of dark matter.

What we don't know yet?
The nature of dark matter, if it's made of just one kind of particle, and how they might interact with each other.

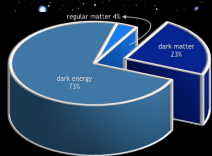


Scan and find out more!

What is Dark Matter?
It's the matter that we can't see because doesn't emit any light.

How do we know it exists?
Through gravitational interactions such as collision of galaxy clusters. We also know that 20% of Universe is made of dark matter.

What we don't know yet?
The nature of dark matter, if it's made of just one kind of particle, and how they might interact with each other.

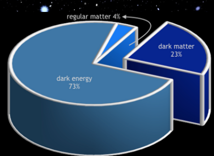


Scan and find out more!

What is Dark Matter?
It's the matter that we can't see because doesn't emit any light.

How do we know it exists?
Through gravitational interactions such as collision of galaxy clusters. We also know that 20% of Universe is made of dark matter.

What we don't know yet?
The nature of dark matter, if it's made of just one kind of particle, and how they might interact with each other.

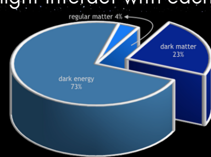


Scan and find out more!

What is Dark Matter?
It's the matter that we can't see because doesn't emit any light.

How do we know it exists?
Through gravitational interactions such as collision of galaxy clusters. We also know that 20% of Universe is made of dark matter.

What we don't know yet?
The nature of dark matter, if it's made of just one kind of particle, and how they might interact with each other.



Scan and find out more!

#2816 - Dynamic simulations analysis of merging galaxy clusters

Pedro Henrique Rocha de Andrade
Ana Cecília Soja (Advisor)

INSTITUTO FEDERAL
Fluminense
Campus
Bom Jesus do Itabapoana

criatividade e inovação
FEBRACE
21ª feira brasileira de ciências e engenharia

#2816 - Dynamic simulations analysis of merging galaxy clusters

Pedro Henrique Rocha de Andrade
Ana Cecília Soja (Advisor)

INSTITUTO FEDERAL
Fluminense
Campus
Bom Jesus do Itabapoana

criatividade e inovação
FEBRACE
21ª feira brasileira de ciências e engenharia

#2816 - Dynamic simulations analysis of merging galaxy clusters

Pedro Henrique Rocha de Andrade
Ana Cecília Soja (Advisor)

INSTITUTO FEDERAL
Fluminense
Campus
Bom Jesus do Itabapoana

criatividade e inovação
FEBRACE
21ª feira brasileira de ciências e engenharia

#2816 - Dynamic simulations analysis of merging galaxy clusters

Pedro Henrique Rocha de Andrade
Ana Cecília Soja (Advisor)

INSTITUTO FEDERAL
Fluminense
Campus
Bom Jesus do Itabapoana

criatividade e inovação
FEBRACE
21ª feira brasileira de ciências e engenharia

#2816 - Dynamic simulations analysis of merging galaxy clusters

Pedro Henrique Rocha de Andrade
Ana Cecília Soja (Advisor)

INSTITUTO FEDERAL
Fluminense
Campus
Bom Jesus do Itabapoana

criatividade e inovação
FEBRACE
21ª feira brasileira de ciências e engenharia

#2816 - Dynamic simulations analysis of merging galaxy clusters

Pedro Henrique Rocha de Andrade
Ana Cecília Soja (Advisor)

INSTITUTO FEDERAL
Fluminense
Campus
Bom Jesus do Itabapoana

criatividade e inovação
FEBRACE
21ª feira brasileira de ciências e engenharia

#2816 - Dynamic simulations analysis of merging galaxy clusters

Pedro Henrique Rocha de Andrade
Ana Cecília Soja (Advisor)

INSTITUTO FEDERAL
Fluminense
Campus
Bom Jesus do Itabapoana

criatividade e inovação
FEBRACE
21ª feira brasileira de ciências e engenharia

#2816 - Dynamic simulations analysis of merging galaxy clusters

Pedro Henrique Rocha de Andrade
Ana Cecília Soja (Advisor)

INSTITUTO FEDERAL
Fluminense
Campus
Bom Jesus do Itabapoana

criatividade e inovação
FEBRACE
21ª feira brasileira de ciências e engenharia