

The Racah Institute of Physics

מכון רקח לפיסיקה

Special Seminar
In memory of Prof. Joseph Katz

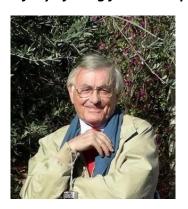
הרצאה מיוחדת לזכרו של פרופי יוסף כץ

Prof. François Englert
Université libre de Bruxelles
Nobel Prize laureate in Physics 2013

פרופסור פרנסואה אנגלר האוניברסיטה החופשית של בריסל חתן פרס נובל לפיזיקה לשנת 2013

On the origin of elementary particle masses

In honor of my lifelong friend Joseph Katz



Abstract:

Avoiding mathematics I will present in simple but conceptually correct terms the theory of mass generation for elementary particles. Robert Brout and I, and then Peter Higgs, initiated a solution to this problem. My colleague and friend Robert Brout passed away in 2011, missed his Nobel Prize and left me alone to tell the story.

I will place the theory in the context of the quest for a rational understanding of nature in physical terms and in the vision of a future where there is already evidence that the very small scale of particle physics contains the seed of the genesis of our very large universe.

The lecture will take place on Thursday 19 May 2016, at 14:30 Levin Building, Lecture Hall No. 8 Edmond J.Safra Campus.

ההרצאה תתקיים ביום חמישי 19 במאי 2016, בשעה 30 :14 בבניין לוין, אולם 8 קמפוס אדמונד יי ספרא, ירושלים.