the MICROSCOPIC WORLDS
by Ionizing Radiation

INAUGURAL LECTURES are given by honored faculty members within the Univesity who have obtained the rank of full professor. This event gives the honoree the opportunity to deliver a lecture to fellow faculty and other university guests concerning their work and research interests.

The context of the lecture itself typically includes a summary of the evolution and nature of the honoree's specialized field, highlights of some of the general issues of that particular field, and a description of how the honoree situates his/her work within their field.

UPM conducts this event to highlight and bring attention to the scholarly work that is being done by its distinguished faculty and to illustrate how the work contributes to mankind as a whole.

PENERBIT UNIVERSITI PUTRA MALAYSIA

ISBN 978-967-5026-51-5



INAUGURAL LECTURE series

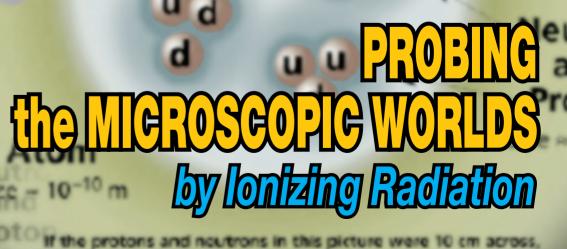
PROFESSOR
DR. ELIAS SAION



Nucleus

Size ~ 10-14 m

e"



then the quarks and electrons would be less than 0.1 mm in

size and the entire atom would be about 10 km across.

Elec