

Boron Neutron Capture Therapy (BNCT)

-- A view from 45 years experiences for BNCT --

Tooru Kobayashi

Former Kyoto University Research Reactor Institute, Osaka Japan

Schedule of lectures

1st lecture:	October	9	at New room	4117	18:10 - 19:40
2nd lecture:	October	12	at Old room	315	16:20 - 17:50
3rd lecture:	October	19	at Old room	315	16:20 - 17:50
4th lecture:	October	26	at Old room	315	16:20 - 17:50
5th lecture:	November	2	at Old room	315	16:20 - 17:50
6th lecture:	November	23	at Old room	315	16:20 - 17:50
7th lecture:	November	30	at Old room	315	16:20 - 17:50
*08 lecture:	December	7	at Old room	315	16:20 - 17:50
*09 lecture:	December	14	at Old room	315	16:20 - 17:50
*10 lecture:	December	21	at Old room	315	16:20 - 17:50

* Two additional lectures will be made for suitable timing during from 7th to *10 lecture.

Boron Neutron Capture Therapy (BNCT)

-- A view from 45 years experiences for BNCT --

Tooru Kobayashi

Former Kyoto University Research Reactor Institute, Osaka Japan

Contents of each lecture

1st lecture: Introduction of lecturer Tooru Kobayashi

2nd lecture: An over view of BNCT from physics and engineering

3rd lecture: History and Principle of BNCT

4th lecture: Characteristics of BNCT

5th lecture: Favorable BNCT irradiation condition

6th lecture: Nuclear reactor BNCT irradiation system

7th lecture: Accelerator BNCT irradiation system

*08 lecture: R&D of the accelerator BNCT irradiation system

*09 lecture: R&D of the neutron generation target (Liquid lithium target)

*10 lecture: Next-generation accelerator BNCT irradiation system

*Two additional lectures: medical problems and boron delivery drugs.

