

Materiale luminescente preparate prin metode neconventionale

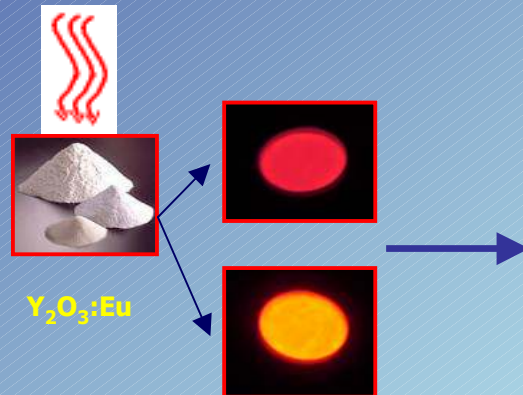
Proiect MATNANTECH 220/ 2004-2006

Director de proiect: **dr. Elisabeth-Jeanne Popovici (ICRR)**

Rezultate

- Prepararea nano si micro pulberilor de luminofor prin noi metode de sinteza (luminofor tipoxid de ytriu activat cu europiu - $Y_2O_3:Eu$)
- Pigment fotoluminescent cu emisie rosie pentru tuburi cu descarcare in gaze -Produs PFLM tip YO
- Tehnologie de fabricare prin metode neconventionale a unui pigment rosu **emitting photoluminescent pigment**
- *Patent Roman -CBI 722/ 10.02.2006;*
- Lucrari

UV radiation



Cercetarea a fost sprijinita si de **S.C.NEONPRODUCT Cluj-N**

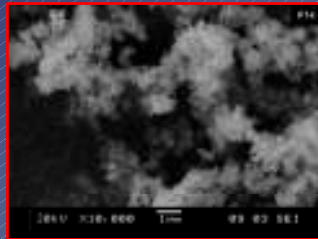
Sinteza si caracterizarea nano si micro pulberilor de luminofor cu emisie rosie, tip $Y_2O_3:Eu$



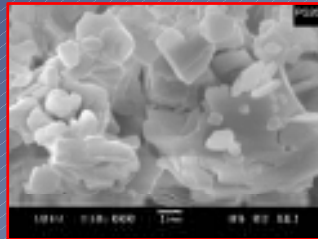
Oxalat de amoniu



Carbonat de amoniu

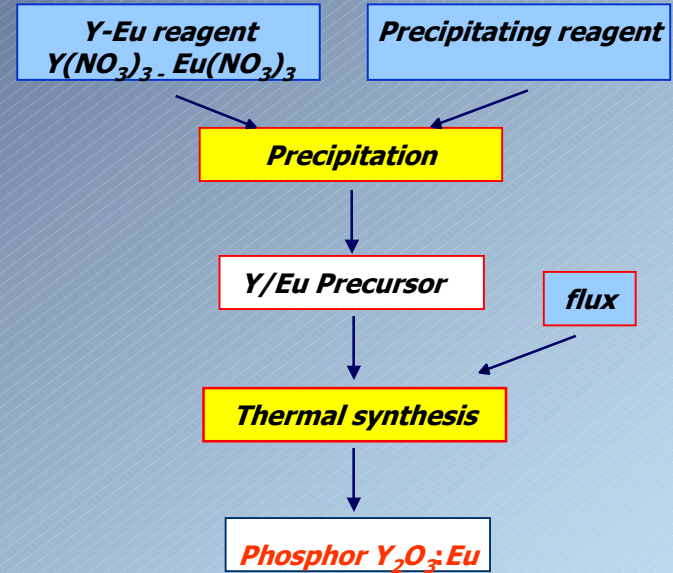


Uree



Acid oxalic

precursor



phosphor

