

INFORMAȚII PERSONALE



Mitica DRAGUSIN

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🌐 <http://www.nipne.ro/>

Sexul Masculin | Data nașterii 28/09/1958 | Naționalitatea română

EXPERIENȚA PROFESIONALĂ

04/2006–Prezent

Director Securitate Nucleara Cercetator, Cercetator Stintific grd. I

Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara Horia Hulubei, IFIN-HH

Str. Reactorului nr. 30, jud. Ilfov, 077125 Magurele (România)

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Leadership in securitate si siguranta nucleara in IFIN-HH;

A elaborat declaratia de politici a IFIN-HH, strategii si plan de actiuni din domeniul securitatii si sigurantei nucleare;

Coordoneaza activitati legate de dezafectarea de instalatii nucleare si radiologice (reactorul nuclear de cercetare VVR-S, reactorul de putere zero-RP 01, Ansamblul subcritic HELEN, instalatiile TANDEM postaccelerare), activitati de gospodarie a deeurilor radioactive si combustibil nuclear uzat din cadrul Centrului de Management Dezafectari si Deseuri Radioactive care cuprinde Departamentul Dezafectare Reactor, Departamentul Management Deseuri Radioactive-Statia de Tratare si Depozitul National de Deseuri Radioactive.

Coordoneaza Colectivul Protectie si Prevenire-radioprotectie, protectie fizica, garantii nucleare, sistemele de management al calitatii;

Vicepresedinte al Consiliului de Administratie al Institutului (2007-2011);

Vicepresedinte al Consiliului Stiintific al Institutului (2004-2008);

A coordonat in institut proiectul RRRFR- Russian Research Reactor Fuel Return GTRI programe (SUA DOE-Federatia Rusa-Romania) pentru repatrierea combustibilului nuclear uzat inalt imbogatit (HEU) rezultat din functionarea reactorului VVR-S din institut, (2005-2009);

Director de proiect colaborare cu Laboratorul National Argonne SUA-3J-00201 (2003-2007);

Director proiecte cu finantare europeana: PHARE RO 2006/018-411.03.04 pentru dezafectarea reactorului VVR-S (2007-2009), TCP AIEA ROM 04/029 in domeniul dezafectarii reactorului VVR-S (2003-2007), EMERSYS-proiect transfrontalier RO-BG in domeniul interventiei la urgente chimice, biologice, radiologice si nucleare (2013-2015);

Director proiecte PNII-finantare nationala-EMIT-7-013 –ecomateriale obtinute prin iradiere tehnologica-(2007-2010), CONREC -145 tehnologii inovative de reciclare a betoanelor radioactive rezultate din dezafectare (2011-2016); Risk Management for large infrastructures in the crossborde RO-BG region” (2016-2018) Responsabil proiecte: SOL7” “Sistem integrat pentru interventia rapida la incidente CBRNE”.(2018-2021);

Documentarea si obtinerea aprobarii finantarii de la bugetul de stat a dezafectarii reactorului nuclear VVR-S (2010-2020), a repatrierii combustibilului slab imbogatit EK-10 (2010-2012), a modernizarii instalatiilor Statiei de Tratare a Deseurilor Radioactive IFIN-HH (2010-2014);

Elaborarea documentatiei de dezafectare conform art 37, Tratatul EURATOM.

Director de proiect: Dezafectarea reactorului nuclear VVR-S, repatrierea combustibilului uzat EK-10 si modernizarea instalatiilor Statiei de Tratare a Deseurilor Radioactive din cadrul Institutului National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara-Horia Hulubei-IFIN-HH, 2010-2020, finantat conform HG 898/2009. Expert al UE in domeniul dezafectari de instalatii nucleare si managementul deeurilor radioactive (din 2017 in prezent)

Tipul sau sectorul de activitate Cercetare-dezvoltare

10/2003–03/2006

Sef Departament Dezafectare Reactor, CS I

Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara-Horia Hulubei (IFIN-HH)

Str Reactorului, nr.30, jud. Ilfov, 077125 Magurele (România)

<http://www.nipne.ro/>

Coordonator activitati de pregatire a dezafectarii reactorului nuclear de cercetare VVR-S: alcatuirea echipei de dezafectare (operatori din reactor si cu alti noi specialisti, modificari in instalatie pentru incarcarea combustibilului nuclear la repatriere, activitati de indepartare a deseurilor si echipamentelor din reactor, eliberari nerestrictive de materiale din reactor rezultate din activitile de pregatire a dezafectarii, coordonare proiecte nationale si internationale pentru pregatirea dezafectarii, procurare de echipamente, aparatura de masura si control, echipamente de protectie individuala, etc

Director de proiect AIEA Proiect de cooperare Tehnica-TCP ROM 04/029 (2003-2007);

Director de proiect colaborare cu Laboratorul National Argonne SUA-3J-00201 (2003-2007);

Coordonare tehnica a proiectului de repatriere combustibil uzat inalt imbogatit RRRFR.

Tipul sau sectorul de activitate Cercetare-dezvoltare

02/1997–09/2003

Sef Departament Inginerie Nucleara si a Vidului, CS I

Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara-Horia Hulubei (IFIN-HH)

str Reactorului, nr.30, jud. Ilfov, 077125 Magurele (România)

<http://www.nipne.ro/>

Sef de unitate nucleara si instalatie de iradiere pentru experimentarea tehnologiilor de iradiere (IETI-10.000, echipata cu surse de radiatii Co-60, 0,37 TBq;

Coordonarea implementarii sistemului de management al calitatii in departament, micropductia de polimeri solubili in apa obtinuti prin iradiere tehnologica, instrumentatie radiologica, metode si tehnici nucleare, echipamente cu aplicatii in industrie: defectoscopie nedistructiva, nivelmetrie, densitometrie, grosimetrie, masurarea umiditatii, determinarea gradului de poluare cu metale grele prin bioindicatori, sudura in fascicul de electroni, camere curate, detectori de radiatii prin urme, detectarea radonului, echipamente pentru vid, filtrare ulei transformatoare electrice, pompe de prelevare aer, asistenta tehnica pentru dezafectari de instalatii nucleare si radiologice;

Dezvoltarea de tehnologii de iradiere tehnologica cu acceleratori liniari de electroni (3-6 MeV) si cu microunde (2450 MHz, 800W)

Coordonare a 5 colective: Iradiere tehnologice, Radiometrie si Servicii de Inginerie Nucleara, Detectori si metode dozimetrice, Vid, sudura cu electroni, medii curate, Protectie fizica;

Membru in Consiliul Stiintific al IFIN-HH,

Cercetator Stiintific I in iradiere tehnologice la instalatia IETI 10.000, cat si la IRASM care poate fi echipata cu surse de radiatii Co-60 de max. 2 milioane Ci (in prezent 300 kCi), pusa in functiune cu suport financiar si tehnic cu AIEA, participare la promovarea tehnologiilor de iradiere in economia nationala.

Tipul sau sectorul de activitate Cercetare-dezvoltare

12/1995–01/1997

Director tehnic IFIN-HH, CS II

Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara-Horia Hulubei (IFIN-HH)

Str. Reactorului nr. 30, jud. Ilfov, 077125 Magurele (România)

<http://www.nipne.ro/>

Coordonare a activitatilor administrative si de cercetare si dezvoltare tehnologica;

Coordonare a 5 colective: Iradiere tehnologice, Radiometrie si Servicii de Inginerie Nucleara, Detectori si metode dozimetrice, Vid, sudura cu electroni, medii curate, Protectie fizica;

Membru in Consiliul Stiintific al IFIN-HH,

Cercetator Stiintific II in iradiere tehnologice

Sarcinile pricipale ca director tehnic au fost urmatoarele:

- coordonarea si controlul activitatilor din departamentul de iradiere tehnologice, radiometrie si trasori radioactivi, departament productie radioizotopi si radifarmaceutice, departament de fizica vietii si a

mediului, Depozitul National de Deseuri Radioactive, Statia de Tratare Deseuri Radioactive, Reactorul nuclear VVR-S, departament Ciclotron, departament de fizica nucleara aplicata, Atelierele mecanice, Utilitati, Transporturi, Cabinet Medical, Radioprotectie, Dozimetrie, Birou Investitii.

Activitati importante in acesta functie: inceperea investitiei de construire a iradiaatorului multiscop IRASM cu asistenta tehnica si financiara AIEA (800 kUSD), acreditarea institutului ca institut national si suport financiar si tehnic al AIEA pentru studiul de prefesabilitate la dezafectarea reactorului VVR-S. (300kUSD)

Tipul sau sectorul de activitate Cercetare-dezvoltare

08/1983–11/1995

Cercetator Stiintific, CS, CS III, CS II

Institutul National de Cercetare-Dezvoltare pentru Fizica si Inginerie Nucleara-Horia Hulubei (IFIN-HH)

str Reactorului nr.30, jud. Ilfov, 077125 Magurele (România)

<http://www.nipne.ro/>

Responsabilitati in grupul de lucru de iradiere tehnologice si chimie sub radiatii:

- cercetare stiintifica, dezvoltare tehnologica, preparare probe, caracterizari, promovare a polimerilor solubili in apa (copolimeri ai acrilamidei si acrilat de sodiu-mediu anionic), polielectroliti obtinuti prin iradiere tehnologica utilizati in hidrometalurgie, tratarea apelor menajere orasenesti, extragere de petrol, tribologie la prelucrarea metalelor;
- preparare si analizare detaliata a acidului poliacrilic (polielectrolit foarte anionic) utilizat ca floclant;
- preparare, caracterizare si promovare a superabsorbantilor polimerici (hidrogeluri polimerice poli-acrilat de sodiu, poli-acrilat de sodiu si potasiu) utilizate la managementul solutiilor, absorbanti de solutii apoase radioactive sau toxice si periculoase;
- dezvoltare tehnologica privind utilizarea polimerilor obtinuti prin iradiere tehnologica in industria cauciucului (pentru cresterea vitezei de vulcanizare si a rentabilitatii proceselor);
- lucrari stiintifice si brevetari in domeniul vulcanizarii prin iradiere tehnologica a cauciucului natural pentru manusi chirurgicale, compozite cauciuc-textile prevulcanizare prin iradiere, cauciucuri speciale cu desitati de reticulare dirijate pentru absorbtia de petrol amestecat cu produse radioactive cu selectivitate a superabsorbantilor hidrofilii; - activitati de cercetare privind tratarea si reutilizarea deseurilor polimerice din categoria politetra flouretilena , poliuretani, textile, rumegus.
- preparare si promovare a biomaterialelor compozite pe baza de polihidroxietilmetacrilat (pHEMA) ca inlocuitori de meninge,;
- responsabil tehnic si de securitate radiologica la instalatia de iradiere IETI-10.000, Co-60, 10 kCi.

Tipul sau sectorul de activitate Cercetare-dezvoltare

EDUCAȚIE ȘI FORMARE

12/1995–Prezent

Doctor in Fizica

Institutul de Fizica Atomica, IFA

Str. Atomistilor nr. 407, 077125 Magurele (România)

<http://www.ifa-mg.ro/>

Titlul tezei de doctorat: Studii privind obtinerea de hidrogeluri cu proprietati dirijate prin iradiere tehnologica cu radiatii gama, domeniul Fizica Atomica si Nucleara

09/1978–07/1982

Fizician, Diploma de licentiat in Fizica

Universitatea din Bucuresti Facultatea de Fizica

Str. Atomistilor nr. 405, 077125 Magurele (România)

<http://fizica.unibuc.ro/Fizica/Main.php>

09/1982–07/1983

Specializare Fizica Polimerilor, Certificat de specializare

Universitatea din Bucuresti, Facultatea de Fizica

Str. Atomistilor nr. 405, 077125 Magurele (România)

<http://fizica.unibuc.ro/Fizica/Main.php>

- 10/2003–07/2005 **Masterat, Diploma de master**
 Institutul National de Dezvoltare Economica, Academia de Stiinte Economice
 Piata Romana nr. 6, sector 1, Bucuresti (România)
<https://www.ase.ro/>
 Masterat in Dezvoltarea Economica a Intreprinderii
- 03/1988–12/1995 **Studii doctorat in fizica**
 Institutul de Fizica Atomica, IFA, Bucuresti (România)
 Doctor in Fizica Atomica si Nucleara
- 10/2003–07/2005 **Executive Master of Business Administration -EMBA**
 Conservatoire National des Arts et Mettier, Paris (Franța)

COMPETENȚE PERSONALE

Limba(i) maternă(e) română

Limbile străine	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
engleză	C2	C1	C1	C1	C1
franceză	A1	A1	A1	A1	A1
rusă	A1	A1	A1	A1	A1

Niveluri: A1 și A2: Utilizator elementar - B1 și B2: Utilizator independent - C1 și C2: Utilizator experimentat
 Cadrul european comun de referință pentru limbi străine

Competențe de comunicare

- excelente abilitati de comunicare castigate prin experienta si participarea ca director tehnic, director securitate nucleara, sef departament, sef de colectiv, lector, mentor si suprvisor pentru doctoranzi si postdoctoranzi;
- excelent spirit de echipa format in multe proiecte nationale si internationale,
- abilitati excelente de a se adpata in mediu multinational si multicultural cu participanti din Rusia, SUA, Romania, Serbia, Bulgaria, Germania, alte tari din UE, ex: proiectul de repatriere, proiectul PHARE, proiectul cu AIEA, proiectul transfrontaliera EMERSYS, etc;
- abilitati consolidate de a lucra in echipa, dar si ca leadership in activitati independente
- presedinte al Comisiei de Etica a institutului.

Competențe organizaționale/manageriale

- leadership a peste 600 de salariati ca director tehnic si de securitate nucleara in institut;
- capacitatea de crea noi echipe in domenii diferite del airadierei tehnologice la dezafectare de reactor nuclear;
- experienta buna in management de proiect, ex: incepand din 2002 am inceput constuirea echipei de dezafectare, simultan cu elaborarea de documente pentru dezafectarea reactorului, proiectul incepand in anul 2010 cu finalizare in 2020, in perioada 2002-2014 conducand si late proiecte care au permis inceperea dezafectarii propriu-zise;
- lucru permanent in asigurarea calitatii si a managementului schimbarilor;
- performante excelente in finalizarea un or proiecte importante din perioada 2003-2009-repatrierea combustibilului nuclear uzat tip HEU si 2010-2012 a celui de tip LEU sau a proiectului cu AIEA sau PHARE;
- 22 ani de lucru in domeniul obtinerii polimerilor solubili in apa prin iradiere tehnologica
- Competente si abilitati tehnice:
- Cretivitate si inovare buna in domeniul ecomaterialelor si materialelor compozite obtinute prin iradiere tehnologica in instalatia IETI-10.000;

- de la C&DI in polimeri solubili in apa la microproductie de maxim 100 tone/an promovarea acestor produse in economia nationala;
- participare de la proiectare, amplasare, constructie, autorizare si punere in functiune a instalatiei de iradiere cu surse de radiatii Co-60-IETI 10.000;
- bogata experienta si cunostinte in securitate si siguranta nucleara, protectia infrastructurilor critice, securitate industriala, analize de risc si securitate bazate pe scenarii, 31 de ani experienta in domeniul nuclear in acelasi institut;
- usurinta in a lucra in sisteme de asigurarea calitatii-management integrat si utilizarea de metode de control a evolutiei proiectului;
- foarte bune cunostinte in tehnici si tehnologii utilizate in dezafectari de instalatii nucleare si managementul deseurilor radioactive, in managementul materialelor rezultate

Competențe dobândite la locul de muncă

- buna cunoastere a diferitelor tipuri de elaborare a corespondentelor oficiale, intre membrii echipei si partenerii proiectului;
- membru activ in asociatii profesionale: presedinte Societatea Romana de Fizica, presedinte asociatia Magurele High Tech Cluster (MHTC)

Competențele digitale

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
Utilizator experimentat	Utilizator experimentat	Utilizator experimentat	Utilizator experimentat	Utilizator experimentat

Competențele digitale - Grilă de auto-evaluare

Foarte bune cunostinte in software-Microsoft Office: word, excel, power point, access, project manager

Permis de conducere

B

INFORMAȚII SUPLIMENTARE

Articole, conferinte, carti

47 de articole;
 70 de conferinte;
 13 carti
<http://www.nipne.ro/research/publications/326-publications.html>

ANEXE

- Lista publicatii Dragusin Mitica.pdf

Lista publicatii Dragusin Mitica.pdf

Lista publicatii Dragusin Mitica

1. INVESTIGATION OF THE NATURAL AND ARTIFICIAL RADIOACTIVITY IN GRAPHITE FROM THE VVR-S NUCLEAR REACTOR DEPOSIT BY GAMMA-RAY SPECTROMETRY

Scarlat, A; Pantelica, A; Iorga, I; Dragusin, M
ROMANIAN JOURNAL OF PHYSICS Volume: 61 Issue: 7-8 Pages: 1207-1212 Published:2016
2016

2. Radioactivity levels in water and paraffin samples from the decommissioning VVR-S nuclear reactor by gamma-ray spectrometry

Ioan Iorga, Anisoara Scarlat, Ana Pantelica, Mitica Dragusin
Romanian Journal of Physics, Vol 61, No 5-6 (2016) Pages 1079-1086
2016

3. Assessment of derived emission limits for radioactive effluents resulted from the decommissioning activities of the VVR-S nuclear research reactor

Carmen Tuca, A.Stochioiu, Maria Sahagia, Daniela Gurau, Mitica Dragusin,
Journal of Environmental Radioactivity 148:130-136 · July 2015
2015

4. Selection tests for recycled radioactive sand obtaining method

R. Deju, I. Robu, M. Dragusin, C. Mazilu and C. Tuca,
Romanian Reports in Physics (accepted for publishing) ISSN 1221-145, Volume 67, Issue 2
2015

5. Tests regarding filling performance of the mortars obtained by radioactive recycled sand

R. Deju, I. Robu, M. Dragusin, C. Mazilu and C. Tuca
ROMANIAN REPORTS IN PHYSICS Volume: 67 Issue: 3 Pages: 1159-1175 Published: 2015
2015

6. Radiation monitoring under emergency conditions

M. Dragusin, D. Stanga, D. Gurau, E. Ionescu
Romanian Journal of Physics, Vol. 59, Nos. 9–10, p. 891–903, Bucharest, 2014
2014

7. Review of the principal mechanism of radon in the environment

D. Gurau, D. Stanga and M. Dragusin
Romanian Journal of Physics (accepted for publishing) ISSN 1221-146X
2014

8. Transfer Efficiency for Environmental volume samples using monte carlo techniques

D. Gurau, D. Stanga and M. Dragusin
Romanian Journal of Physics (accepted for publishing) ISSN 1221-146X
2014

9. Review on radioactive concrete recycling methods

R. Deju, M. Dragusin, I. Robu, C. Mazilu, C. Tuca
Romanian Reports in Physics, Vol. 65, No. 4, P. 1485–1504, 2013
2013

10. Modelling of the Dose Rates and Risks Arising from Hot-cells Clean-up Activities in the Decommissioning of the VVR-S Research Reactor

A.O.Pavelescu, V.Popa, M.Dragusin
Romanian Reports in Physics, Vol. 64/2012, No. 2,
2012

- 11. Good practices in Decommissioning Planning and Pre-decommissioning Activities for the Magurele VVR-S Nuclear Research Reactor**
M. Dragusin, A. O. Pavelescu, I. Iorga
Nuclear Technology & Radiation Protection, vol. 26, no.1/2011, pp. 84-90, ISSN 1451-3994
2011
- 12. Romania - New engineering solutions**
I. Bolshinsky, K. Allen, L. Biro, M. Dragusin, B. A. Kanashov, M.E. Budu
Nuclear & Environmental Safety, Special Edition, No.1/2011, pp. 72-76, ISSN 1997-6992, www.atomic-energy.ru
2011
- 13. Decontamination activities in VVR-S Nuclear Research Reactor on the floor from reactor hall**
M. Dragusin
Revue Generale Nucleare (RGN)
2008
- 14. Evaluation and monitoring of environmental radioactivity at National Institute of Physics and Nuclear Engineering Bucharest-Magurele**
M. Dragusin, D. Galeriu, C. Ivan, A. Stochioiu, and N. V. Zamfir
Bulletin of University "Transilvania" (2008) 57-67
2008
- 15. Ground water monitoring and control before decommissioning of the research reactor VVR-S from Magurele-Bucharest**
M.Dragusin
American Proceedings of Nuclear Society Conference, Chatanooga, SUA, pp 203-207, sept, 2007
2007
- 16. Preparation for testing, Safe Packing and Shipping of Spent Nuclear Fuel from IFIN-HH, Bucharest Magurele to Russian Federation**
C.A.Dragolici, A.Zorliu, V.Popa, V.Copaciu, M.Dragusin,
Proceeding of Waste Management & '07 Conference, Tucson, AZ, USA, Febr. 2007
2007
- 17. A new concept of decommissioning planning for nuclear research reactor, as part of life cycle management**
M.Dragusin
Proceedings of Decontamination & Decommissioning & Reutilization Conference, American Nuclear Society, pag 252-257, 6-13 august 2005
2005
- 18. Clean up program and radiological characterization at VVR-S reactor from IFIN-HH Bucharest, Magurele site**
CA. Dragolici, V. Copaciu, V. Popa, A. Zorliu, M. Dragusin
ANS Topical Meeting on Decommissioning, Decontamination and Reutilization, pp.717-723, 2005
2005
- 19. Decontamination technique with hydrogel foils as alternative method of strippable coatings**
M.Dragusin
Proceedings of International Conference on Decommissioning & Decontamination & Reutilization, ANS, USA, pag. 211-217, 6-13 August, 2005
2005
- 20. Radiological Characterization of VVR-S Reactor**
C.Dragolici, M.Dragusin
Proceedings of International Conference on Decommissioning & Decontamination & Reutilization, ANS, USA, , pag. 241-247, 7-12 August, 2005
2005
- 21. Decommissioning of Research Reactor VVR-S Magurele, I. Justification of decommissioning strategy**
M.Dragusin, I Iorga, C. Tuca, V.Popa, C.Mustata, A Boicu
World Scientific, New Jersey, 2004, pp 178-180
2004
- 22. Research and Development Activities as Support for Decommissioning of the Research Reactor VVR-S Magurele**
M.Dragusin World Scientific, New Jersey, pp 193-194, 2004

- 23. Public Acceptance Programme in Decommissioning VVR-S Reactor IFIN-HH Magurele Bucharest-Romania**
M.Chis, A Aculai, M.Dragusin, I.Iorga, A. Boicu
Natural and Man made Repositories, Paradigm for radioactive waste policy, First Edition, 5-7 November 2003
Bucharest
2003
- 24. Stud of Ag⁻ and Ag⁰-type centers in X- and gamma-ray irradiated NaCl : Ag⁺, KCl : Ag⁺ and NaCl : Ag⁺ + Ca²⁺ crystals**
Topa, V; Tsuboi, T; Dragusin, M
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, 191: 296-300 MAY 2002
2002
- 25. Electron beam technologies for preparation of polymeric materials used for waste water treatment, agriculture, and medicine**
Martin D, Radoiu M, Dragusin M, Cramariuc R, Indreias I, Oproiu C, Marghitu S, Manea A, Toma M, Bestea V
MATERIALS AND MANUFACTURING PROCESSES 14 (3): 347-364 1999
1999
- 26. Ionizing radiation in the field of hydrogels used for agriculture and medicine**
Radoiu M, Martin D, Oproiu C, Toma M, Popescu AS, Bestea V, Dragusin M, Moraru R, Calinescu I, Manea A
CZECHOSLOVAK JOURNAL OF PHYSICS 49: 507-512 Part 1 Suppl. 1 1999
1999
- 27. Ionizing radiation in the polyelectrolytes technology**
Martin D, Dragusin M, Radoiu M, Moraru R, Oproiu C, Toma M, Ferdes O, Jianu A, Bestea V, Manea A
CZECHOSLOVAK JOURNAL OF PHYSICS 49: 513-520 Part 1 Suppl. 1 1999
1999
- 28. The acrylamid polymerization initiation by gamma polymerization :an EPR and Extended Huckel study**
C.G.Palivan, P.Barza,M.Dragusin
Rom. Phys. Review, pp.24-39, 1999
1999
- 29. The influence of microwave heating on characteristics of polyelectrolites**
D.Martin, E.Mateescu, M.Dragusin, I.Calinescu
Proceedings of 7-th International Conference on Microwave and High Frequency Heating, Valencia, Spain, pp.203-209, sept.13-17, 1999
1999
- 30. Electron beam applications in chemical processing**
Cojocar, G., Martin, D., Dragusin, M., Moraru, R., Radoiu, M., Oproiu, C., Marghitu, S.,Indreias, I., Bestea, V., Camariuc, R., Margaritescu, A.
Proceedings of EEE Particle Accelerator Conference 3, pp. 3854-3856, 1998
1998
- 31. Ionising radiation in the field of hydrogels used in agriculture and medecine**
M.Radoiu,M.Dragusin, D.Martin
Proceedings of 13-th Radiochemical Conference, Marianske Lazne, Czech Rep. Pp.460-465, 19-24 April 1998
1998
- 32. Radiation technologies in the polimeric materials fields**
M.Dragusin,D. Martin, M.Radoiu
Proceedings of 13-th Radiochemical Conference , Marianske Lazne, Cszech Rep, pp.465-468, 1998
1998
- 33. Combined microwave and electron beam irradiation for polimeric flocculants preparations**
M. Dragusin, V.Bestea , D. Martin, et all
Proceedings of Conference Microwave and High Frequency Heating , pp.129-132, Italia, 1997
1997

- 34. Electron beam technologies for preparation of polymeric materials used for treatment of waste water in municipal, agricultural, medicine field**
D.Martin, M.Dragusin,R.Moraru
Proceedings of the Fifth Conference on Electron Beam Technologies ,Varna , Bulgaria,pp.372-377, 2-5 june, 1997
1997
- 35. Polyelectrolites obtained by electron irradiation**
D.Martin, M.Dragusin,R.Moraru, et all
Proceedings Supplement of Balkan Physics Letters, vol.5, pp.1721-1724, 1997
1997
- 36. Radiation Safety at IETI - 10.000 - a 10 000 Curie pilot plant for radiation processing technologies research**
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