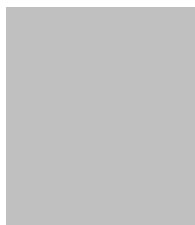



PERSONAL INFORMATION

Gloria – Oana POMPILIAN



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 oana.pompilian@inflpr.ro

Sex F | Date of birth 23/02/1981 | Nationality Romanian

POSITION WITHIN THE PROJECT

Research assistant

WORK EXPERIENCE

- 01.11.2006 - present **Research assistant**
National Institute for Laser, Plasma and Radioation Physics ,Atomistilor 409, Magurele Ilfov (www.inflpr.ro)
Business or sector Research & Development
- 01.10.2009 - 07.2013 **PhD**
University of Lille 1 Sciences et Technologies Villeneuve d'Ascq, Franța
Business or sector Research

EDUCATION AND TRAINING

- 01.10.2009 - 07.2013 **PhD**
University of Lille 1 Sciences et Technologies
Thesis title: "Pulsed laser deposition and characterization of chalcogenide thin films"
- 01.10.2004 – 30.07.2006 **Master in Biophysics and Medial Physics**
Faculty of Physics, University of Bucharest, Romania
Thesis title: "Plasma needle"
- 01.10.2000 – 30.07.2004 **Medical Physics**
Faculty of Physics, University of Bucharest, Romania
Thesis title: " Nuclear magnetic resonance spectroscopy located"

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spokeninteraction	Spokenproduction	
English	B2	B2	B2	B2	B2
rench	A2	A2	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficientuser
[Common European Framework of Reference for Languages](#)

- Job-related skills**
- Electrical, optical and compositional characterization of plasma to optimize the deposition parameters for fusion related thin films
 - Contribution to development of thin films composed of fusion related materials using DC Magnetron Sputtering, High Power Impulse Magnetron Sputtering and Thermionic Vacuum Arc technique

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

- Skills acquired at work in the use of specialized programs (CATIA, Winview, Winspe), for data processing (Origin, Excel)

Driving licence B

ADDITIONAL INFORMATION
Publications

1. Cornel Staicu, Claudiu Locovei, Andrei Alexandru Dinu, Ion Burducea, Dinca Paul, Bogdan Butoi, Oana Gloria Pompilian, Corneliu Porosnicu, Cristian P. Lungu, Victor Kuncser Structural and Magnetic Specificities of Fe-B Thin Films obtained by Thermionic Vacuum Arc and Magnetron Sputtering Coatings 2022, 12, 1592. <https://doi.org/10.3390/coatings12101592>
2. Paul Dinca, Bogdan Butoi, Corneliu Porosnicu, **Gloria Pompilian**, Cornel Staicu, Cristian Lungu, Ion Burducea Structure, morphology and deuterium retention and release properties of pure and mixed Be and W layers Journal of Physics D: Applied Physics, Volume: 53 Issue: 3 Article Number: 325304 Published: AUG 5 2020
3. Jepu, Ionut; Matthews, Guy; Widdowson, Anna; Rubel, Marek; Fortuna-Zalesna, Elzbieta; Zdunek, Joanna; Petersson, Per; Thompson, Vaughan; Dinca, Paul; Porosnicu, Corneliu; Coad, Paul; Heinola, Kalle; Catarino, Norberto; **Pompilian, O**; Lungu, Cristian Beryllium melting and erosion on the upper dump plates in JET during three ILW campaigns NUCLEAR FUSION Volume: 59 Issue: 8 Article Number: 086009 DOI: 10.1088/1741-4326/ab2076 Published: AUG 2019
4. M. Kumar, C. Makepeace, C. Pardanaud, Y. Ferro, E. Hodille, C. Martin, P. Roubin, A. Widdowson, T. Dittmar, C.h.Linsmeier, C.P. Lungu, C. Porosnicu, I. Jepu, P. Dinca, M. Lungu, **O.G. Pompilian**, JET contributors, Identification of BeO and BeOxDy in melted zones of the JET Be limiter tiles: Raman study using comparison with laboratory samples, Nuclear Materials and Energy 17 (2018) 295-301 DOI: 10.1016/j.nme.2018.11.008
5. Brezinsek, S; Coenen, JW; Schwarz-Selinger, T; Schmid, K; Kirschner, A; Hakola, A; Tabares, FL; van derMeiden, HJ; Mayoral, ML; Reinhart, M; Tsitrone, E; Ahlgren, T; Aints, M; Airila, M; Almaviva, S; Alves, E; Angot, T; Anita, V; Parra, RA; Aumayr, F; Balden, M; Bauer, J; Ben Yaala, M; Berger, BM; Bisson, R; Bjorkas, C; Radovic, IB; Borodin, D; Bucalossi, J; Butikova, J; Butoi, B; Cadez, I; Caniello, R; Caneve, L; Cartry, G; Catarino, N; Cekada, M; Ciraolo, G; Ciupinski, L; Colao, F; Corre, Y; Costin, C; Craciunescu, T; Cremona, A; De Angeli, M; de Castro, A; Dejarnac, R; Dellasega, D; Dinca, P; Dittmar, T; Dobrea, C; Hansen, P; Drenik, A; Eich, T; Elgeti, S; Falie, D; Fedorczak, N; Ferro, Y; Fornal, T; Fortuna-Zalesna, E; Gao, L; Gasior, P; Gherendi, M; Ghezzi, F; Gosar,

- Z; H. Greuner; Grigore, E; Grisolia, C; Groth, M; Gruca, M; Grzonka, J; Gunn, JP; Hassouni, K; Heinola, K; Hoschen, T; Huber, S; Jacob, W; Jecu, I; Jiang, X; Jogi, I; Kaiser, A; Karhunen, J; Kelemen, M; Koppen, M; Koslowski, HR; Kreter, A Kubkowska, M; Laan, M; Laguardia, L; Lahtinen, A; Lasa, A; Lazic, V; Lemahieu, N; Likonen, J; Linke, J; Litnovsky, A; Linsmeier, C; Loewenhoff, T; Lungu, C; Lungu, M; Maddaluno, G; Maier, H; Makkonen, T; Manhard, A; Marandet, Y; Markelj, S; Marot, L; Martin, C; Martin-Rojo, AB; Martynova, Y; Mateus, R; Matveev, D; Mayer, M; Meisl, G; Mellet, N; Michau, A; Miettunen, J; Moller, S; Morgan, TW; Mougnot, J; Mozetic, M; Nemanic, V; Neu, R; Nordlund, K; Oberkofler, M; Oyarzabal, E; Panjan, M; Pardanaud, C; Paris, P; Passoni, M; Pegourie, B; Pelicon, P; Petersson, P; Piip, K; Pintsuk, G; **Pompilian, GO**; Popa, G; Porosnicu, C; Primc, G; Probst, M]; Raisanen, J; Rasinski, M; Ratynskaia, S; Reiser, D; Ricci, D; Richou, M; Riesch, J; Riva, G; Rosinski, M; Roubin, P; Rubel, M; Ruset, C; Safi, E; Sergienko, G; Siketic, Z; Sima, A; Spilker, B; Stadlmayr, R; Steudel, I; Strom, P; Tadic, T; Tafalla, D; Tale, I; Terentyev, D; Terra, A; Tiron, V; Tiseanu, I; Toliás, P; Tskhakaya, D; Uccello, A; Unterberg, B; Uytendhoven, I; Vassallo, E; Vavpetic, P; Veis, P; Velicu, IL; Vernimmen, JWM; Voitkans, A; von Toussaint, U; Weckmann, A; Wirtz, M; Zaloznik, A; Zaplotnik, R; Group Author(s): WP PFC Contributors; Plasma-Wall Interaction Studies within the EUROfusion Consortium: progress on Plasma-Facing Components development and qualification NUCLEAR FUSION Volume: 57 Issue: 11 Article Number: 116041 DOI: 10.1088/1741-4326/aa796e Published: NOV 2017
6. Dinca, P; Porosnicu, C; Butoi, B; Jecu, I; Tiron, V; **Pompilian, OG**; Burducea, I; Lungu, CP; Velicu, IL Beryllium-tungsten study on mixed layers obtained by m-HiPIMS/DCMS techniques in a deuterium and nitrogen reactive gas mixture SURFACE & COATINGS TECHNOLOGY Volume: 321 Pages: 397-402 DOI: 10.1016/j.surfcoat.2017.04.074 Published: JUL 15 2017
7. Widdowson, A; Baron-Wiechec, A; Batistoni, P; Belonohy, E; Coad, JP; Dinca, P; Flammini, D; Fox, F; Heinola, K; Jecu, I; Likonen, J; Lilley, S; Lungu, CP; Matthews, GF; Naish, J; **Pompilian, O**; Porosnicu, C; Rubel, M; Villari, R Group Author(s): JET Contributors Experience of handling beryllium, tritium and activated components from JET ITER like wall PHYSICA SCRIPTA Volume: T167 Article Number: 014057 DOI: 10.1088/0031-8949/T167/1/014057 Published: FEB 20 2016

Date

Dr. Gloria - Oana POMPILIAN