Proposal Acronym	AtmJetsLaser
Proposal Title:	The D agnost c of D scharge and Laser-Dr ven Atmospher c P asma Jets by Laser Spectroscopy Techn ques
Surname:	Zap otn k
First name(s):	Rok
Research area:	Phys cs PHY
Sub-discipline of research area:	Gas and P asma Phys cs
Category of research:	bas c
[redacted]	[redacted]
Abstract:	Non-therma non-equ br um atmospher c pressure p asma jets are p ay ng an ncreas ng y mportant ro e n var ous p asma process ng app cat ons. The focus of the project s the d agnost c of the atmospher c p asma jets. A ot of work can be found n the terature about character zat on of the free stand ng atmospher c p asma jets however not much research have been pub shed about the d agnost c of the p asma jets dur ng the treatment of var ous mater a s and the effect of the treated mater a on the p asma tse f and th s s the ma n focus of the project. Add t ona focus s on aser-dr ven atmospher c p asma jets, where p asma jets are gn ted w th aser, focused on a spot at the beg nn ng of the jet. To the best of the project app cant's know edge there are no pub shed works n th s top c. For the p asma d agnost cs most y aser spectroscopy techn ques w be used.
Does this proposal possess any of the sensitive ethical issues detailed in ethical issues table?:	No