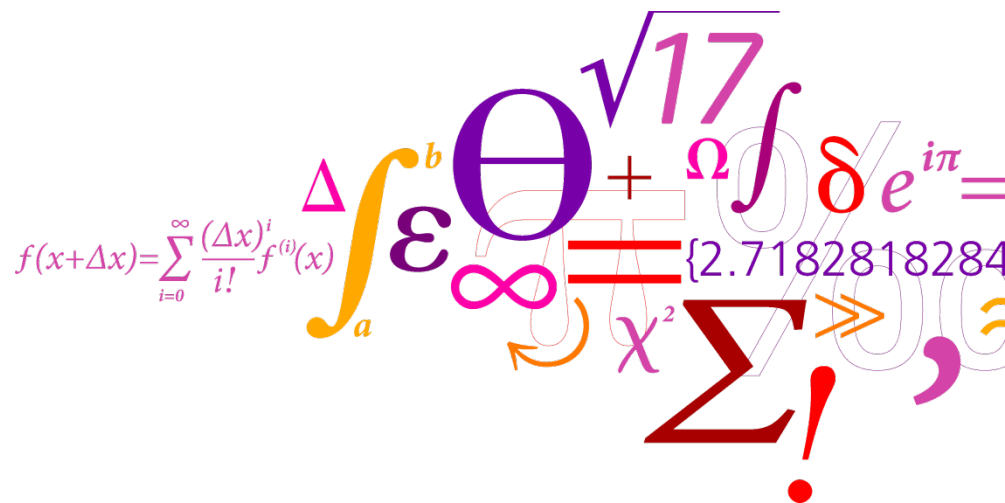


Overview of radiation mechanisms

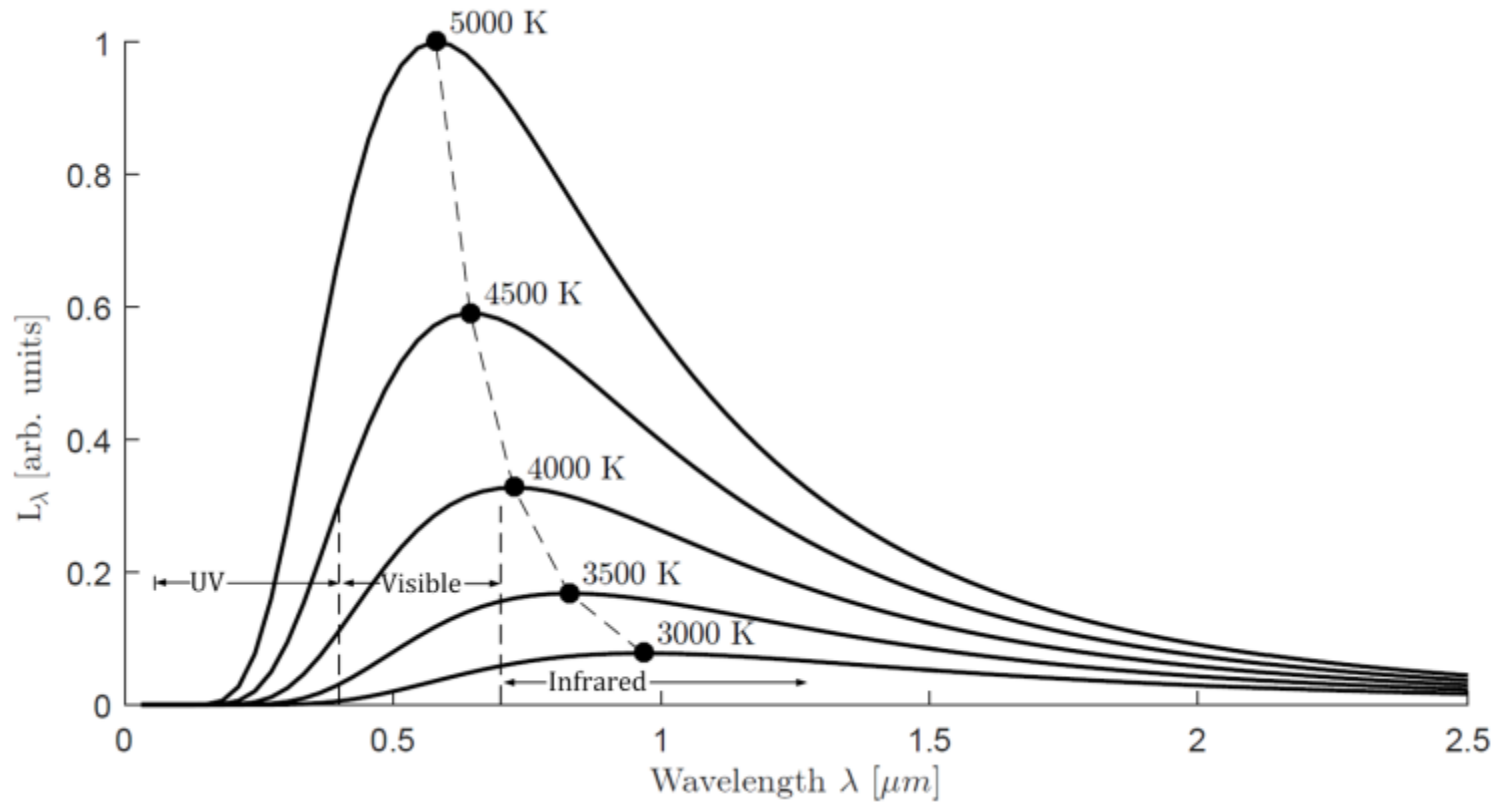
Jesper Schramm



Overview of radiation mechanisms

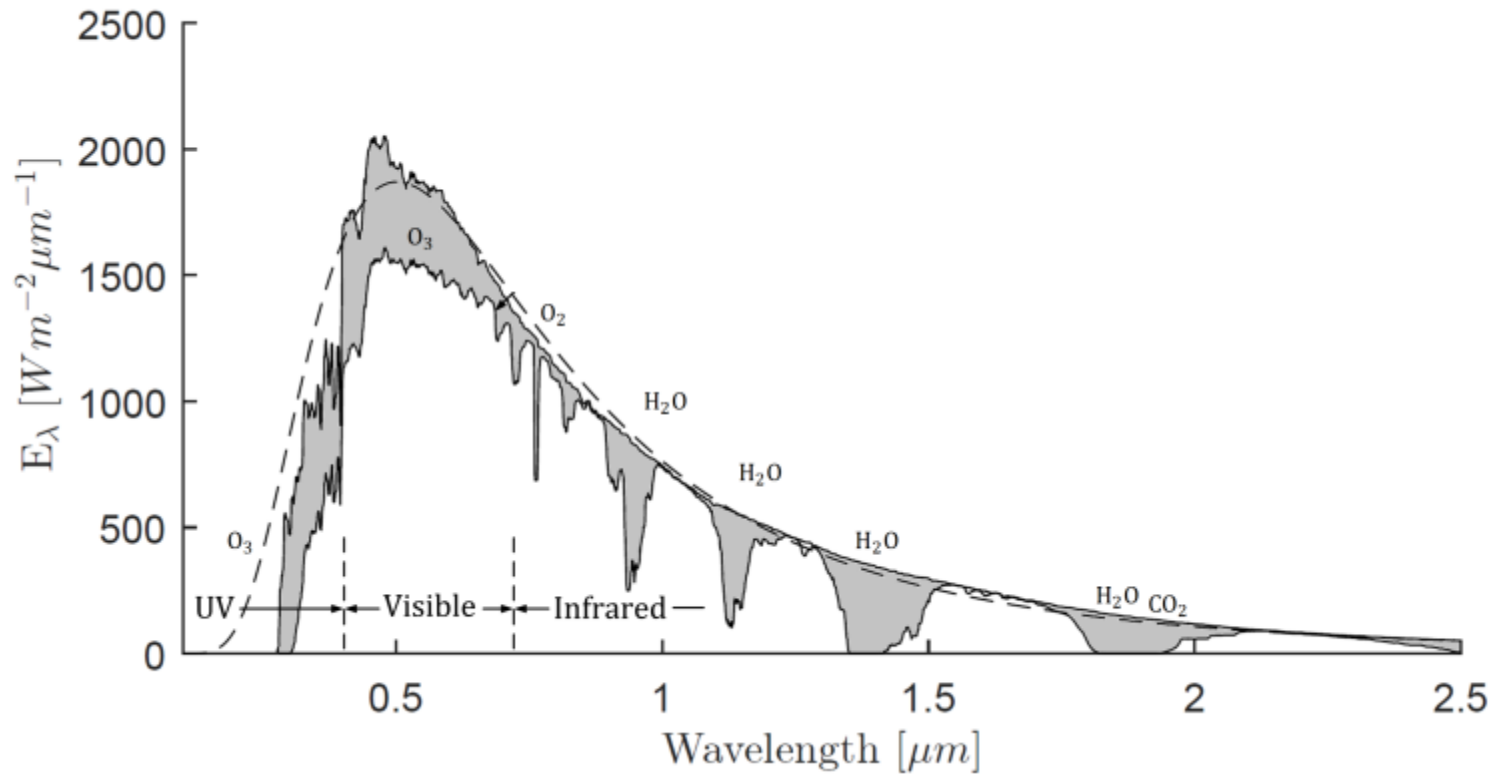
- General
- Addressed in RADIAGE

Black body radiation

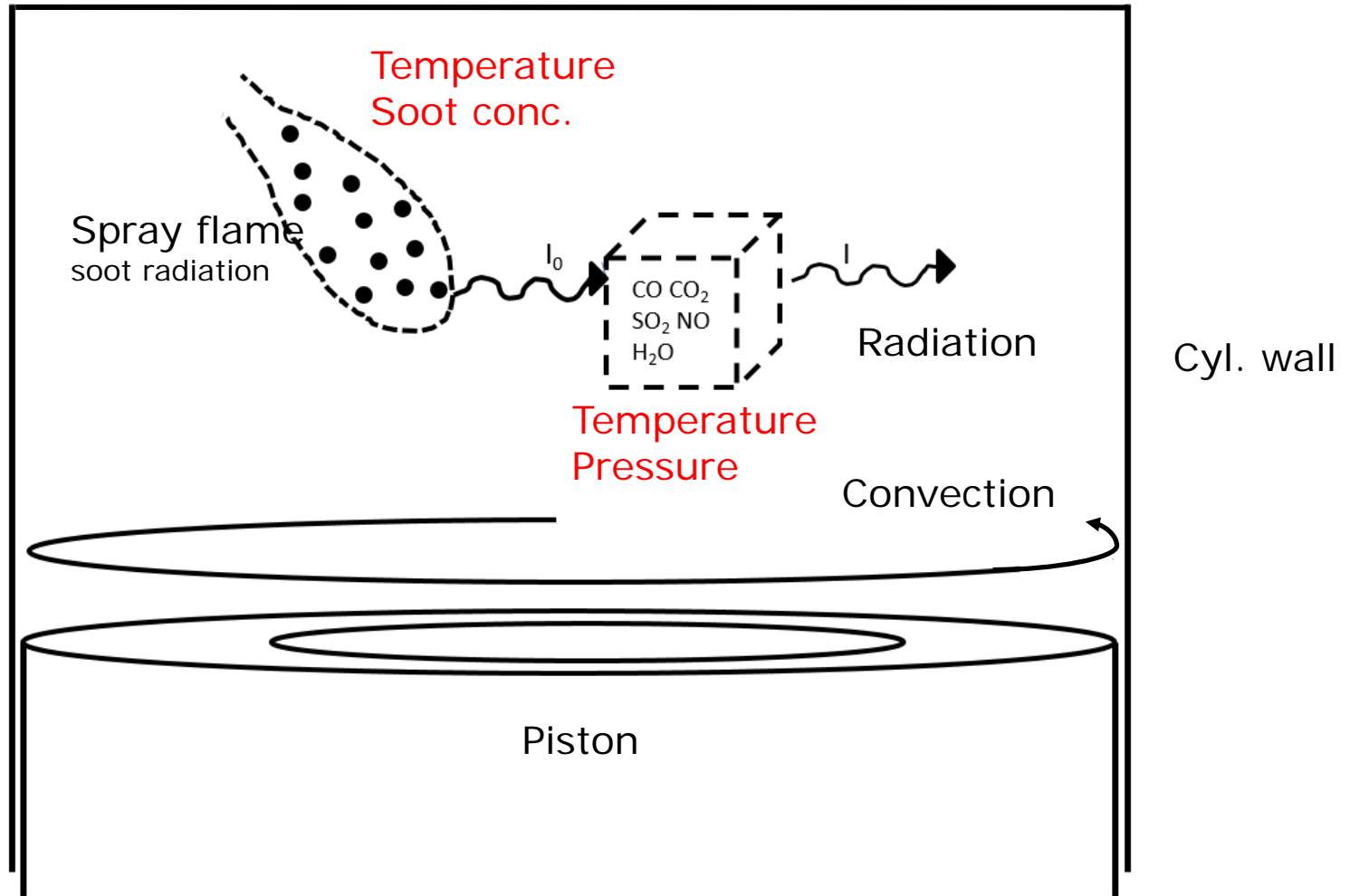


Solar radiation

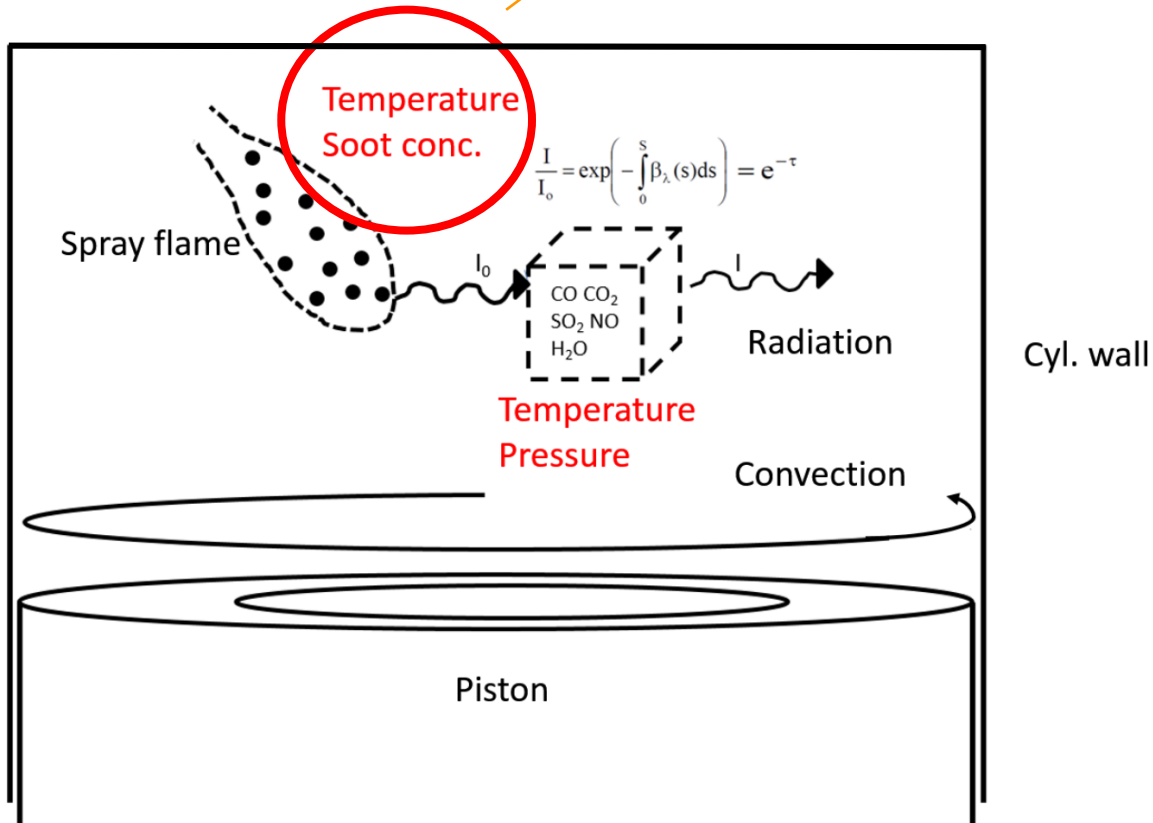
- Influence of gases



Heat transfer mechanisms

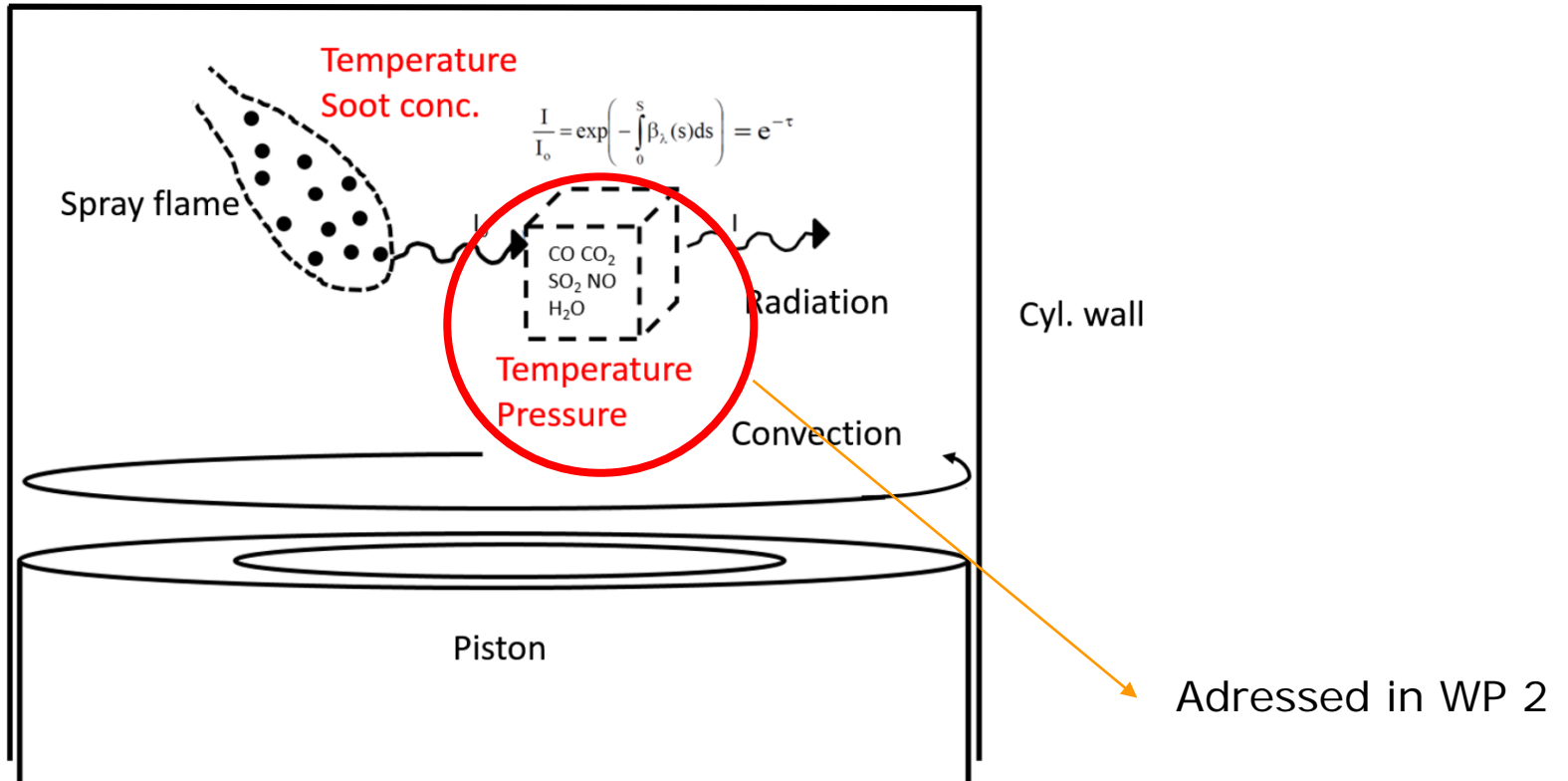


Adressed in WP 1+3+4



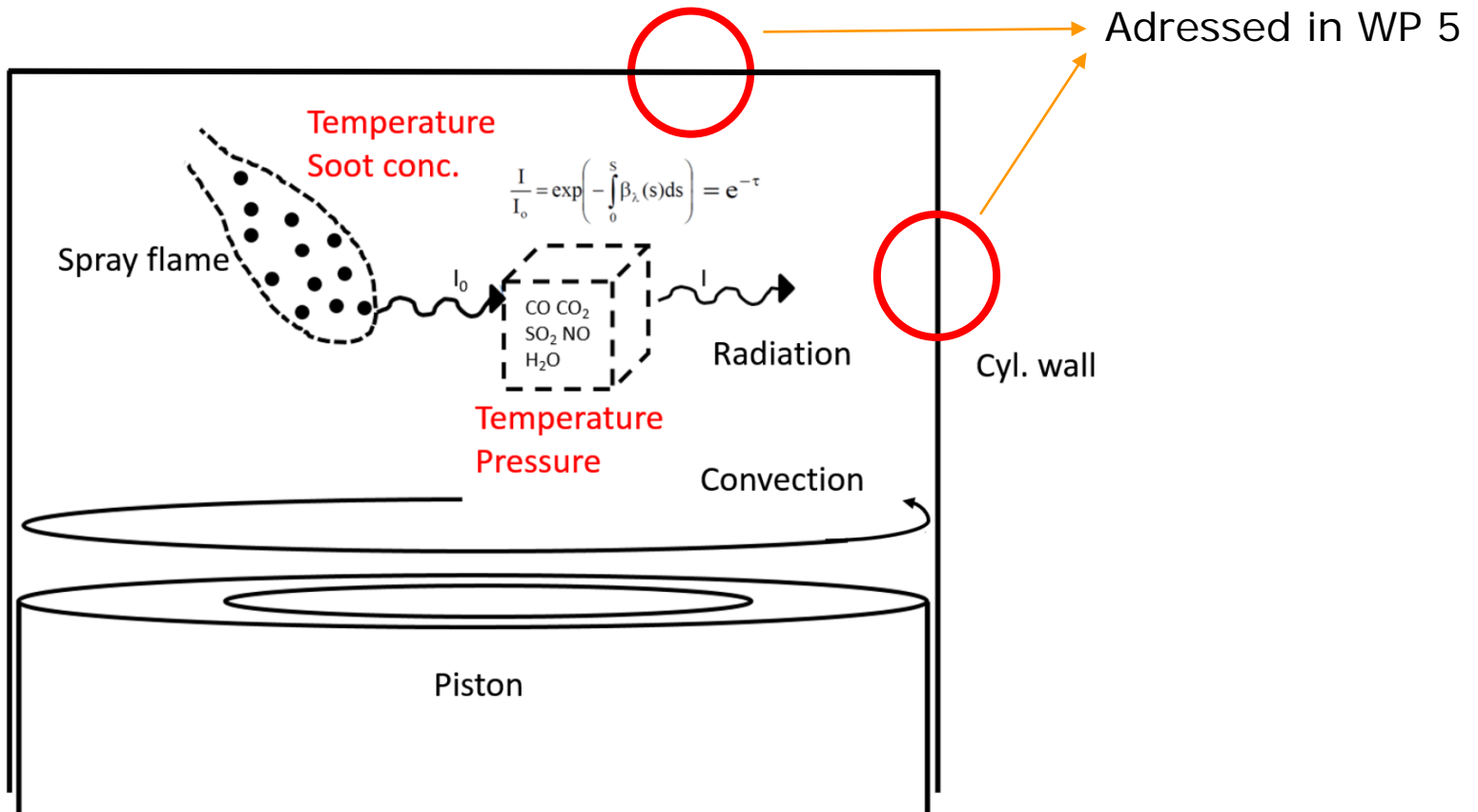
RADIADe seminar - Final Programme:
15. November, 2016, DTU, Building 101A, room S09

8:45-9:15	Welcome
9:15-9:25	Introduction Jesper Schramm ^a
9:25-9:40	Overview of Radiation Mechanisms Jesper Schramm ^a
9:40-10:05	Absorption by gases – Gas cell measurements Sønnik Clausen ^b
10:05-10:30	Line-of-sight measurements in stable gas flames Anders Ivarsson ^a
10:30-10:45	Coffee break
10:45-11:10	Line-of-sight measurements in spray flames Fredrik Westlye ^a
11:10-11:35	Estimation of soot temperature and radiation in spray flames Anders Ivarsson ^a
11:35-12:30	Lunch break
12:30-12:55	Modelling of combustion and soot formation in various spray flames Kar Mun Pang ^a
12:55-13:20	Modelling of combustion and soot radiation in a large two stroke marine engine Kar Mun Pang ^a
13:20-13:45	Radiation measurements in a large 2-stroke diesel engine Johan Hult ^c , Jesper Schramm ^a
13:45-14:00	Coffee break
14:00-15:00	Summary and discussion Jesper Schramm ^a
15:00-16:00	Networking
	End of Meeting



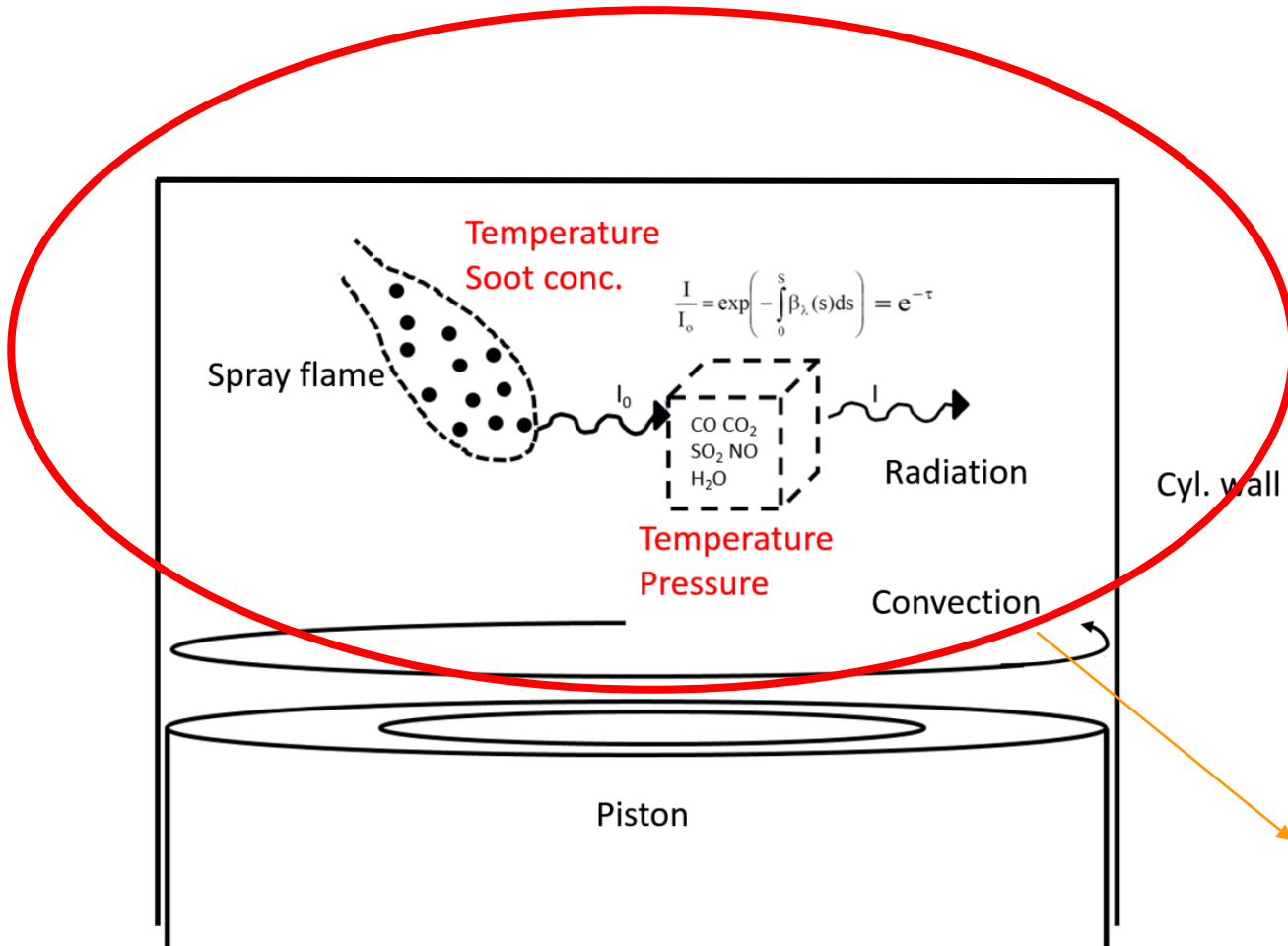
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Adressed in WP 1

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Where did we perform well in RADIADE?

Where did we not perform so well?

To be answered by the end of seminar