Some questions and comments from
A. Variola scheme and from
T. Omori explanations
regarding the $\mathrm{e}^{+}$production between the Compton ring, the Pre-Damping Ring and the Main Damping Ring
in order to reach the ILC nominal intensity
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## In the Compton Ring




CW linac 3.5 GeV


## In the Pre Damping Ring



Stacking in the same bucket occurred every third turn
Time between stacking $=\mathrm{T}$ b-s $=3.474$ microseconds $\times 3=10.424$ microseconds If Tcool $=2 \mathrm{~ms}=>\mathrm{Tb}$-s $\sim \mathrm{T}$ cool / 200


## In the CW linac


$565 \times 5$ shots $=2825$ bunches in the Main DR
$2.5 \mathrm{~ms} \times 5$ shots $=12.5 \mathrm{~ms}$
If 40 shots are sent $=>2.5 \mathrm{~ms} \times 40=100 \mathrm{~ms}$ for stacking in the MDR $40 / 5=8$ bunches are stacked in the same bucket of the MDR

## Questions:

1) Why 18.45 ns ?
2) 22600 pulses of gammas => $22600 \mathrm{e}+$ bunches of $2 \times 10^{8} /$ bunch ?
3) In the RDR, 2625 bunches. Here 2825 ?
