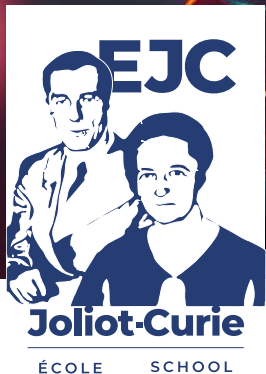


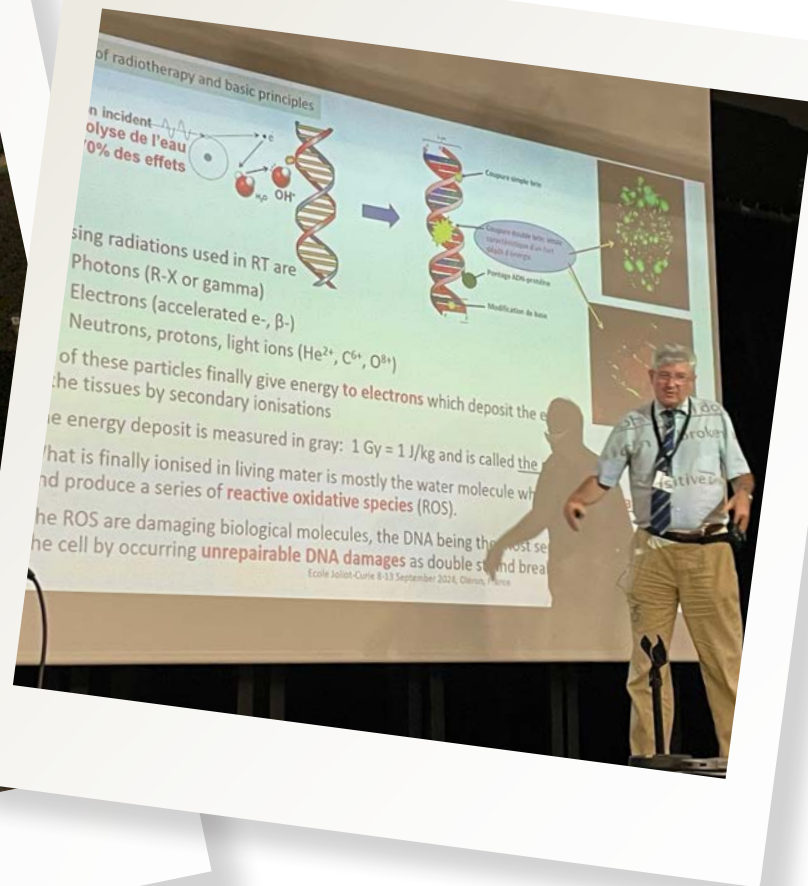
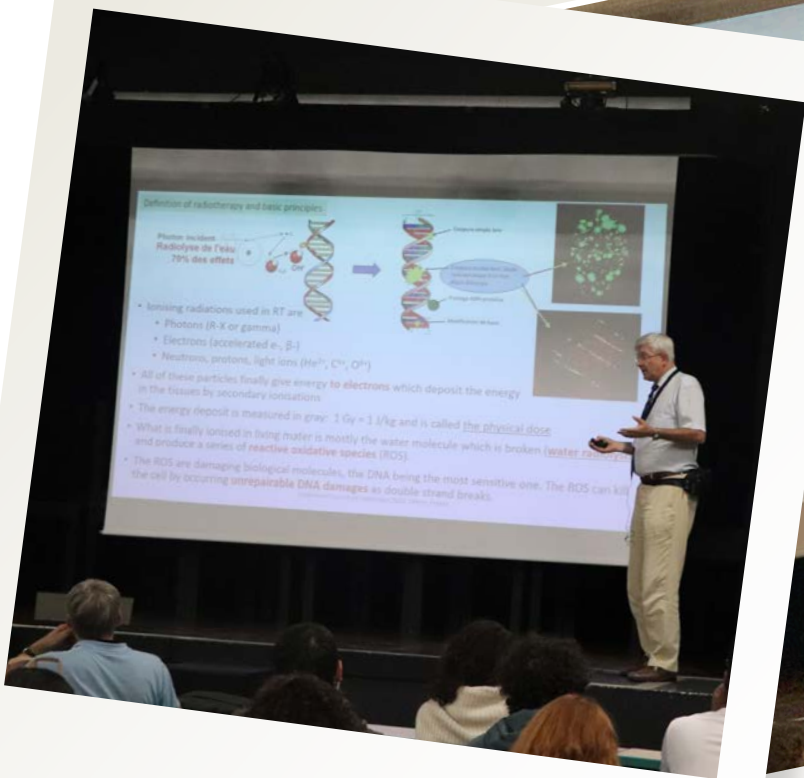
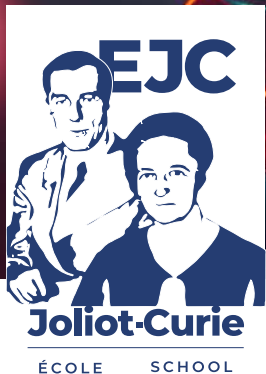
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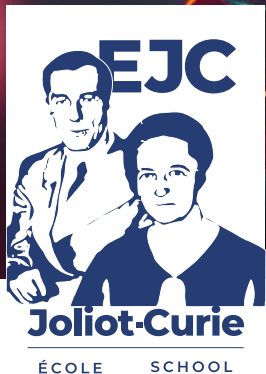
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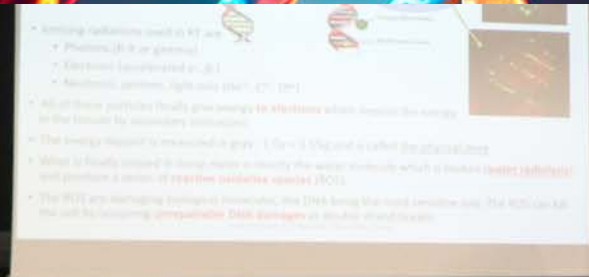
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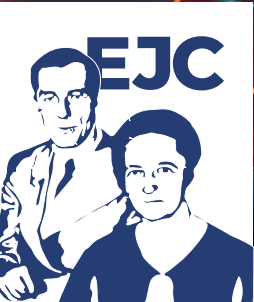
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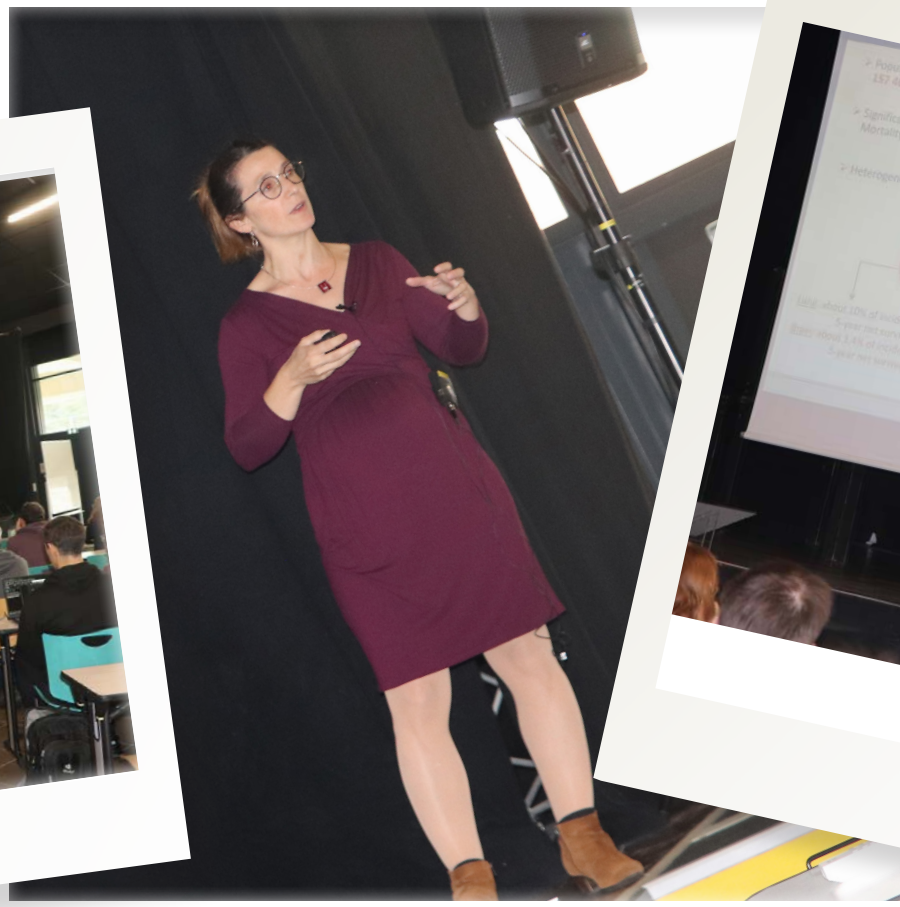
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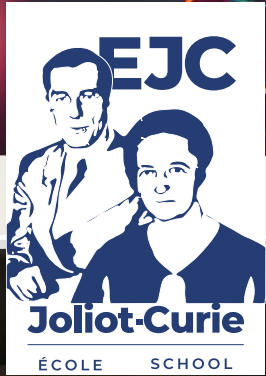
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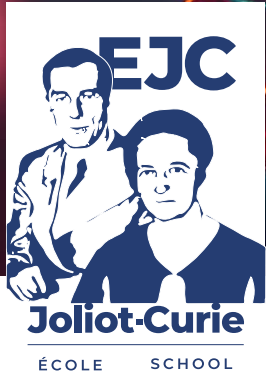
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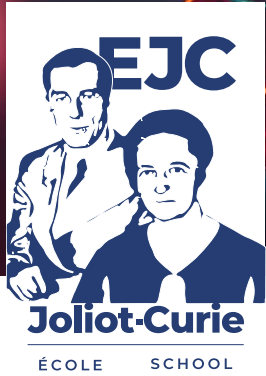
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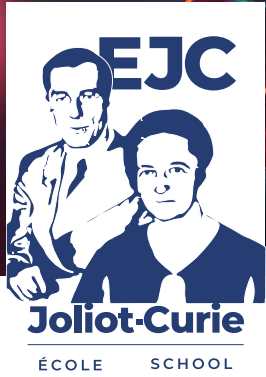
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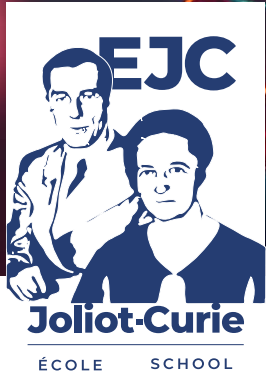
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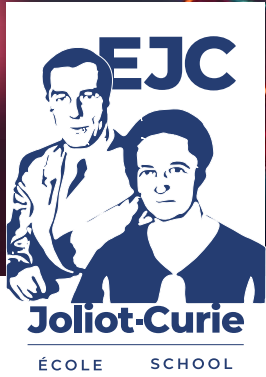
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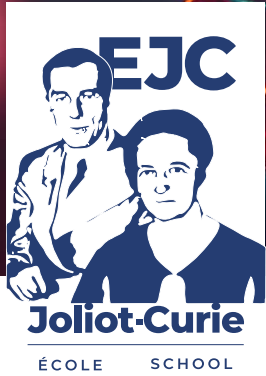
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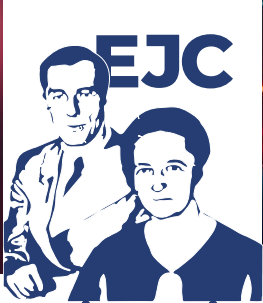
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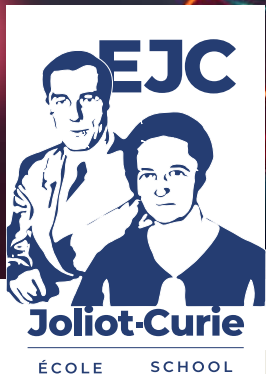


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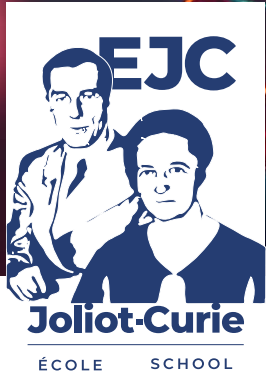
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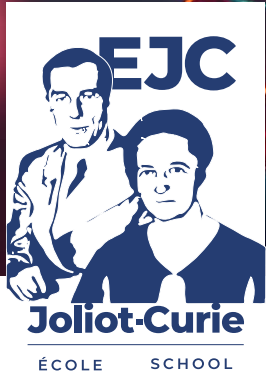


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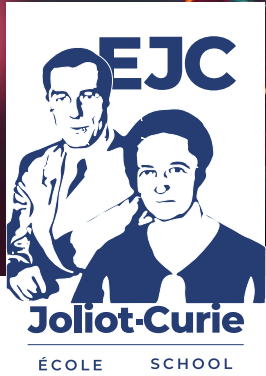
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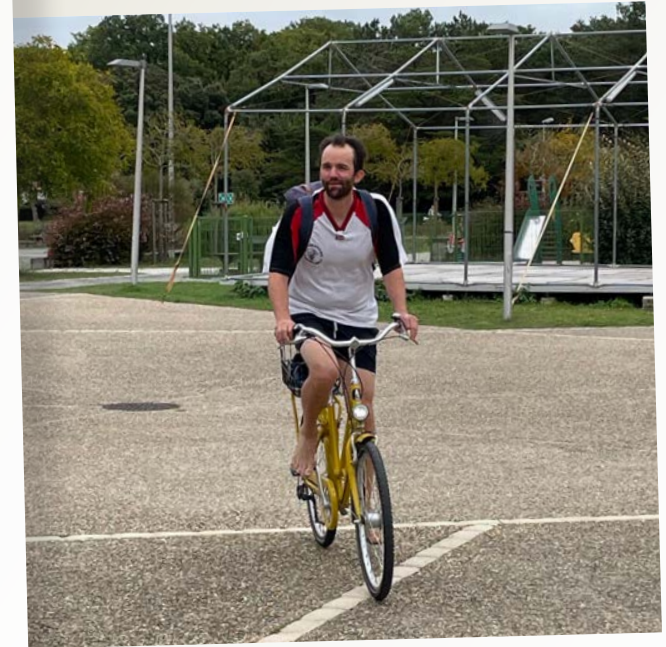
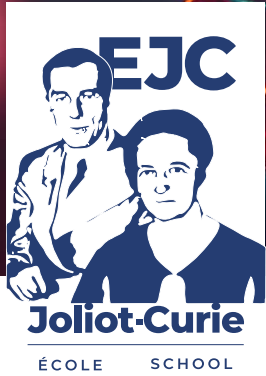
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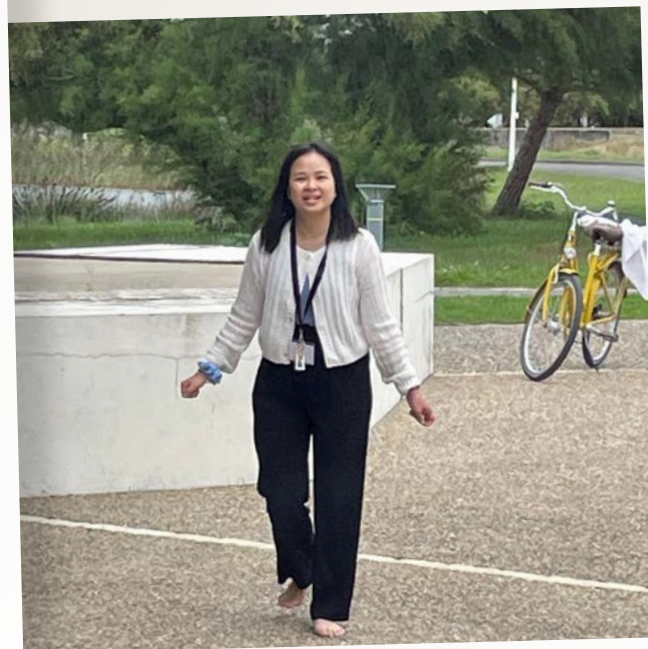
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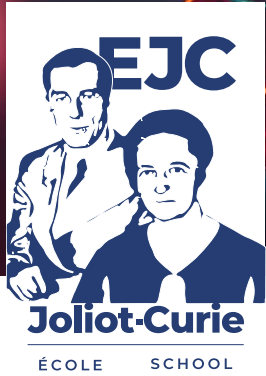
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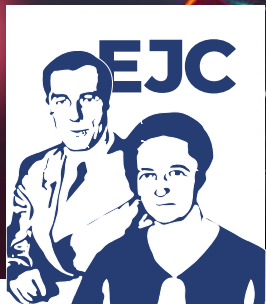
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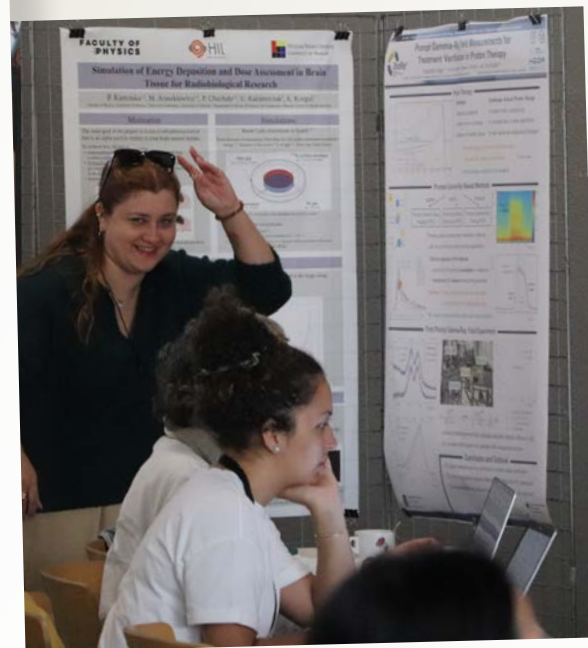
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Chemical Process

10^{-10}

$H + OH$ $OH + H_3O^+$ e^-_{aq}

H_2O_2 H_3O^+ OH^- H e^-_{aq}

$\cdot OH + e^-_{aq} \rightarrow 2 H_2O$	14.3
$H^+ + e^-_{aq} + H_2O \rightarrow OH + H_2$	2.95
$H_3O^+ + e^-_{aq} \rightarrow H^+ + H_2O$	2.65
$H^+ + \cdot OH \rightarrow H_2O$	2.11
$H_2O_2 + e^-_{aq} \rightarrow \cdot OH + \cdot OH$	1.44
$H^+ + H^+ \rightarrow H_2$	1.41
$e^-_{aq} + e^-_{aq} + 2 H_2O \rightarrow 2 \cdot OH + H_2$	1.20
$\cdot OH + \cdot OH \rightarrow H_2O_2$	0.50
	0.44

Ref.: J. Comput. Phys. 274 (2014) 11



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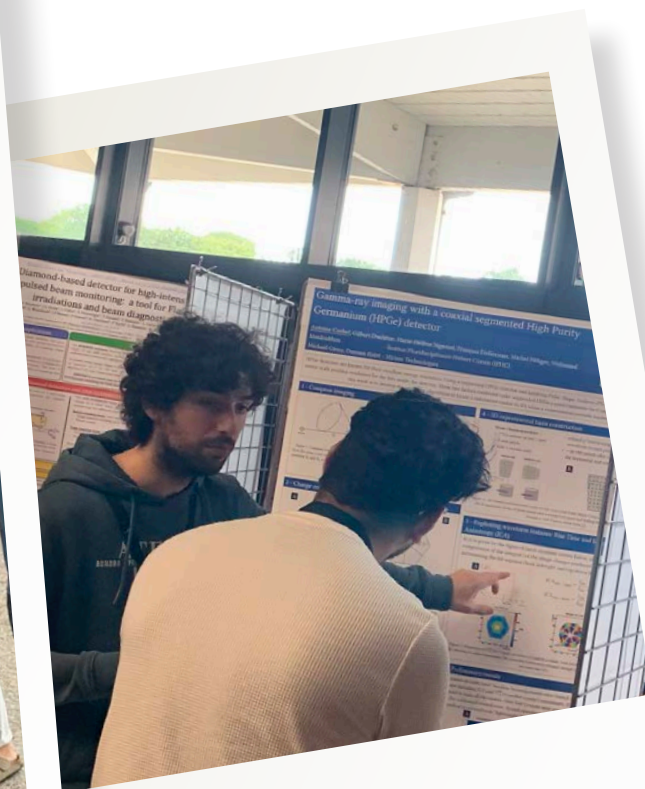
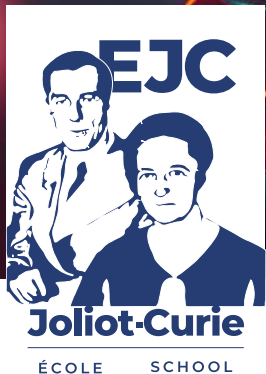
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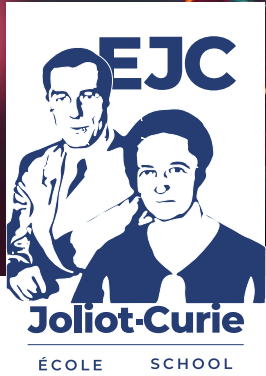
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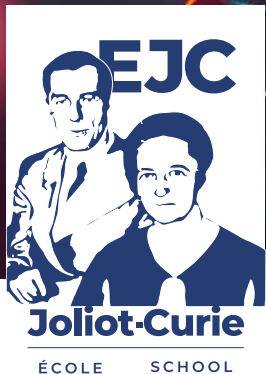
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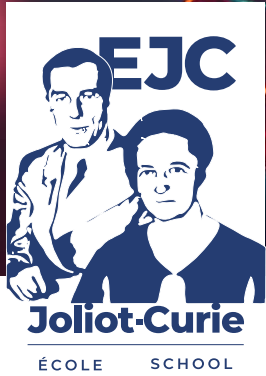
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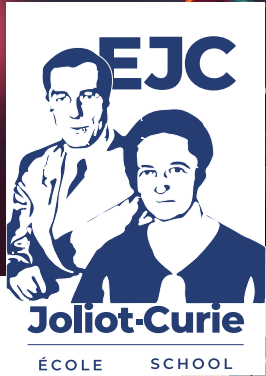
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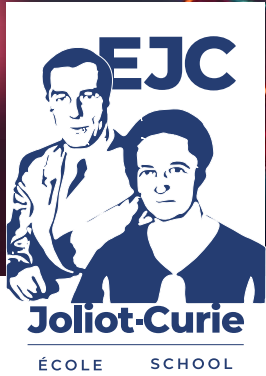
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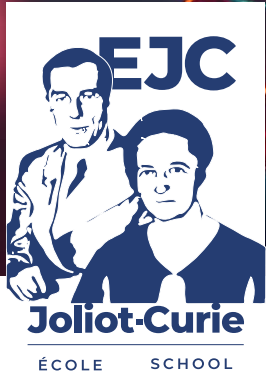
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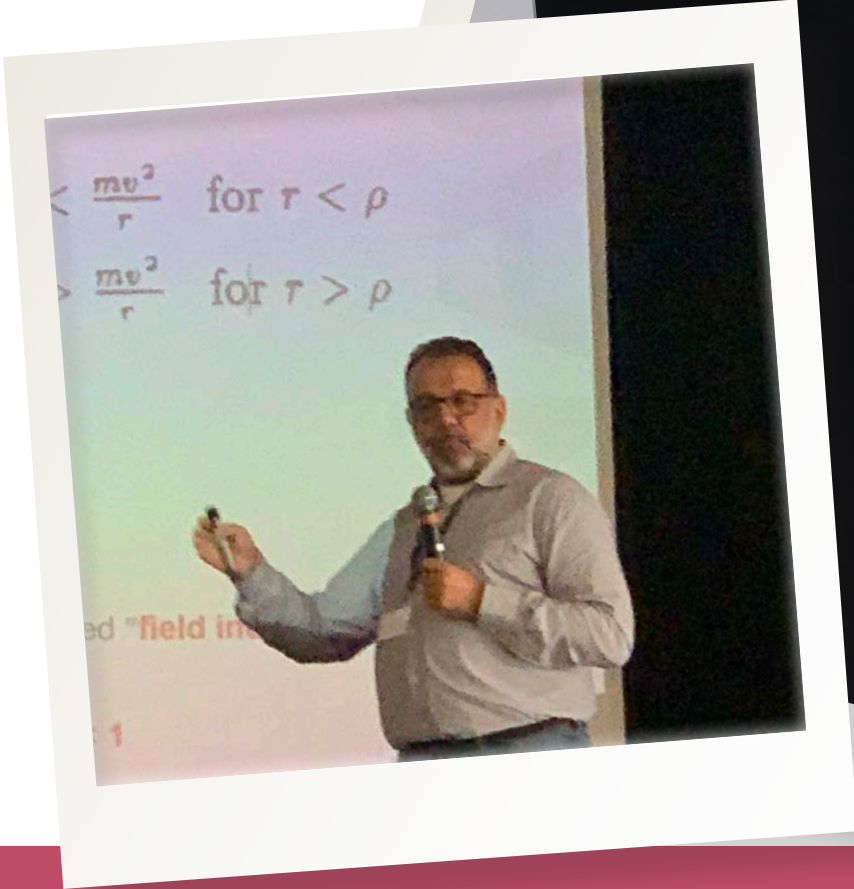
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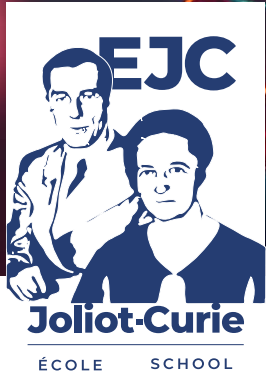
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RADIOBIOLOGY

DETECTOR CHALLENGES

DOSIMETRY

INNOVATIVE RADIOTHERAPIES

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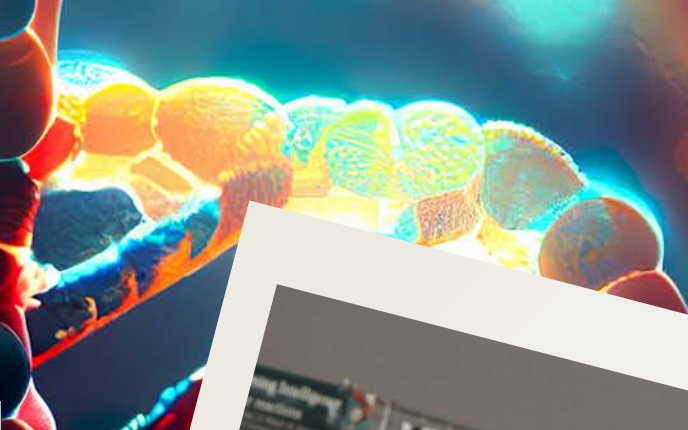
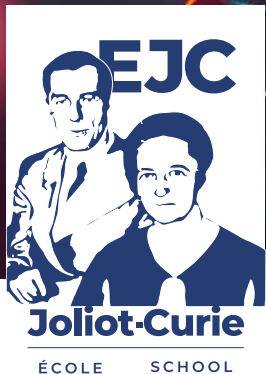
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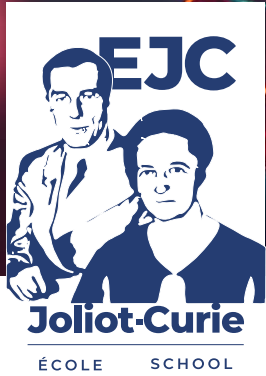
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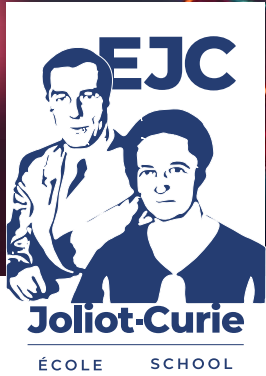
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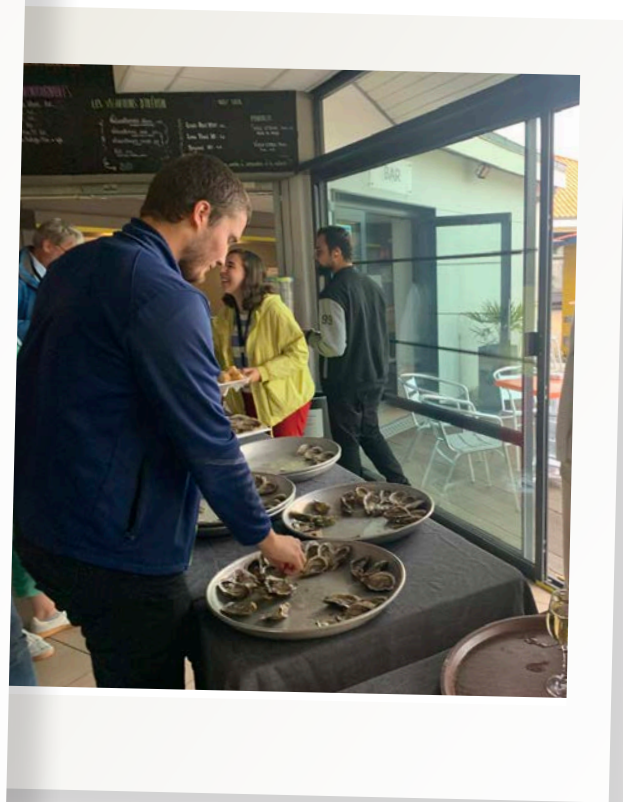
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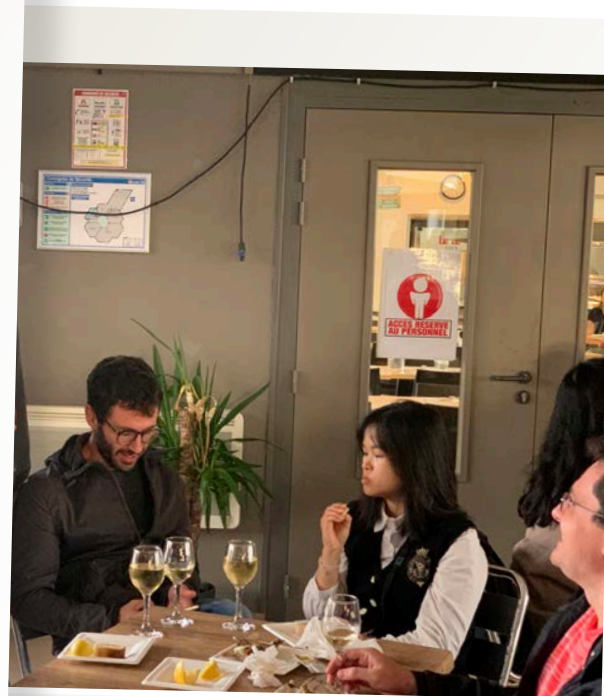
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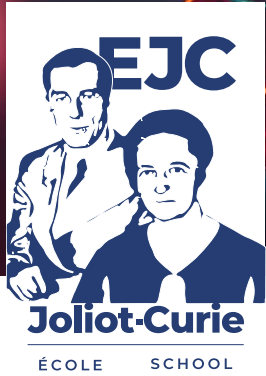
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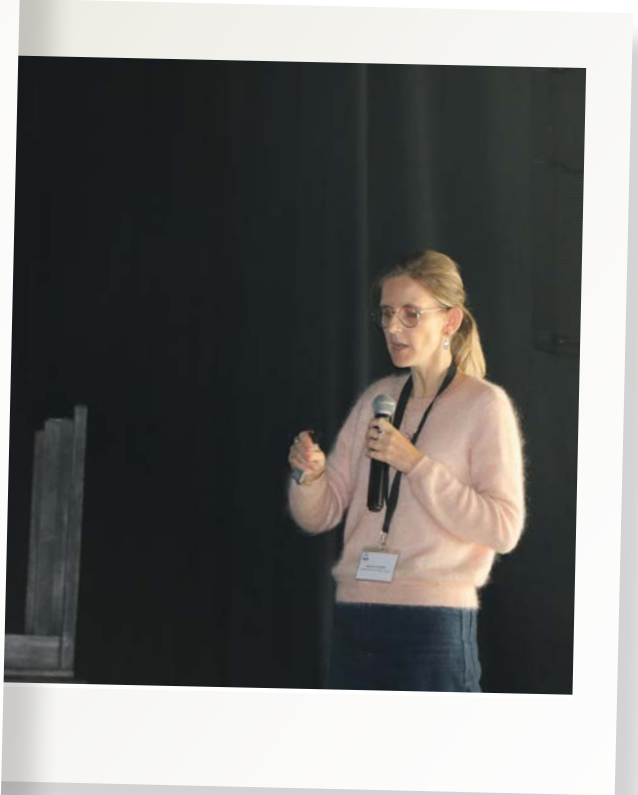
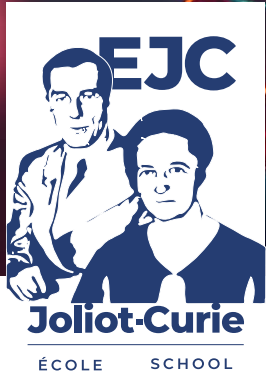
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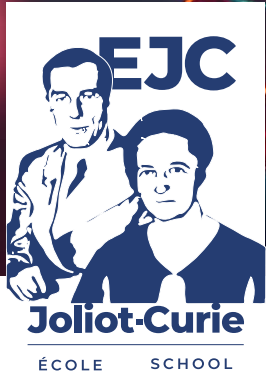
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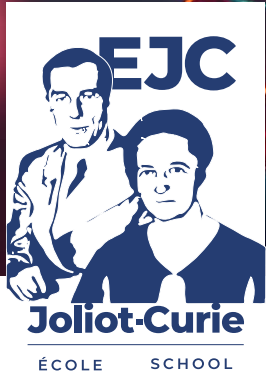
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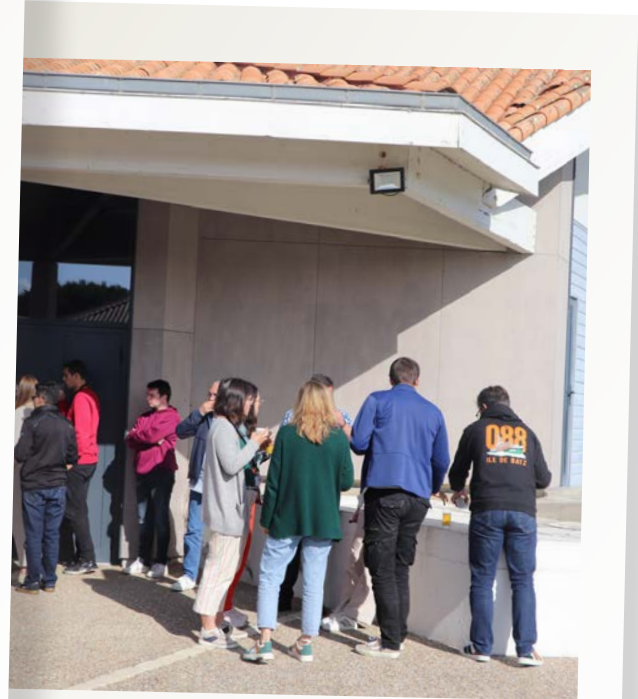
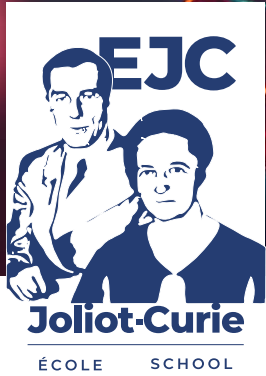
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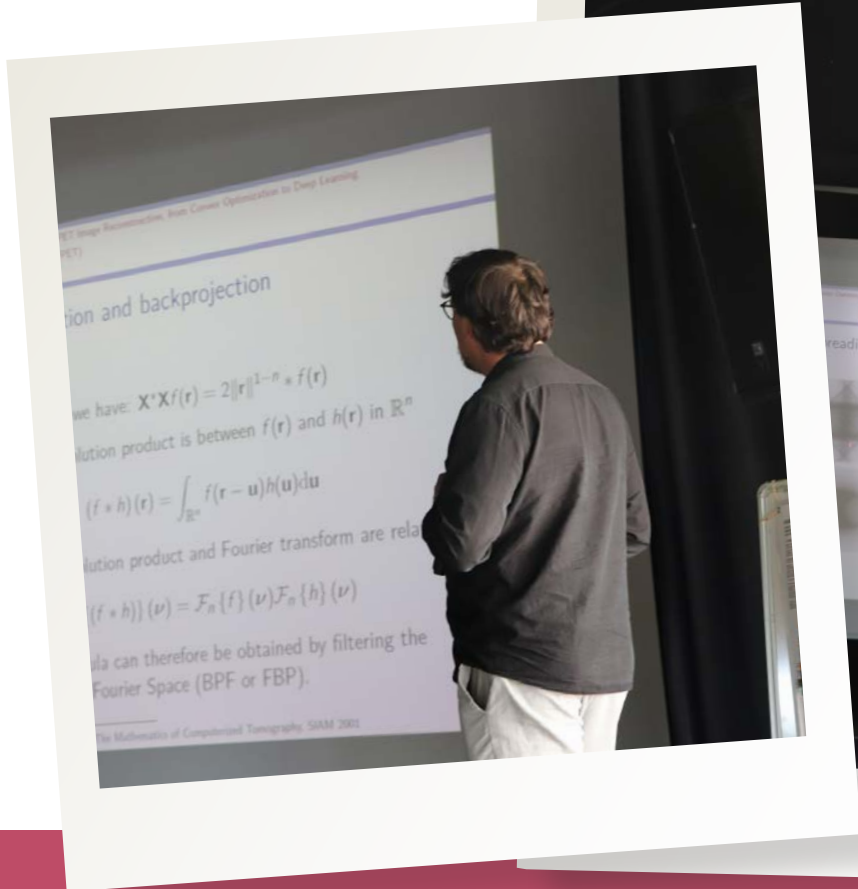
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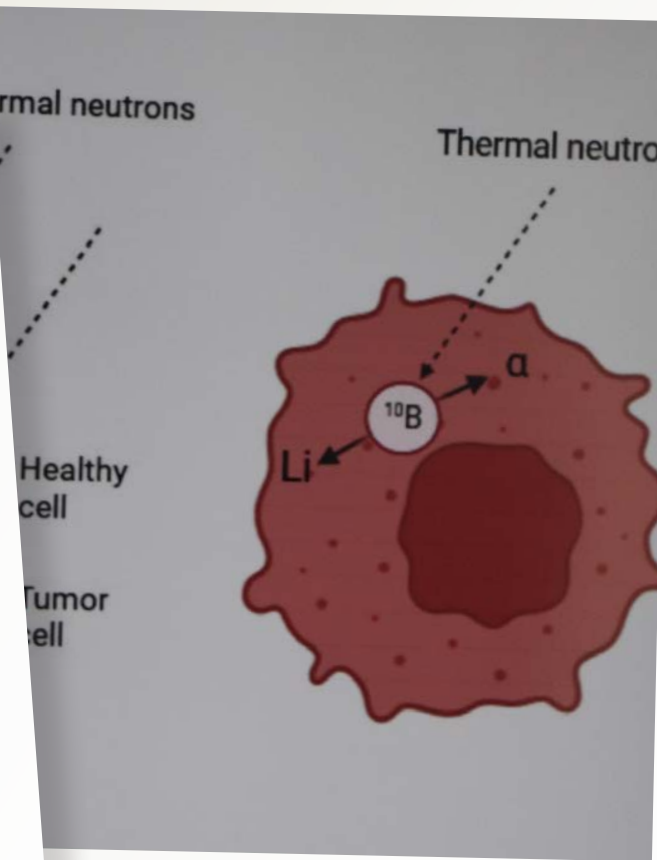
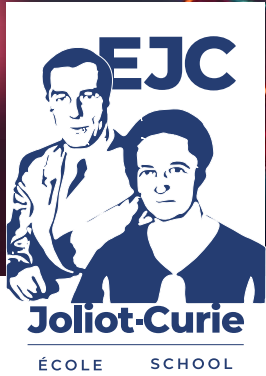
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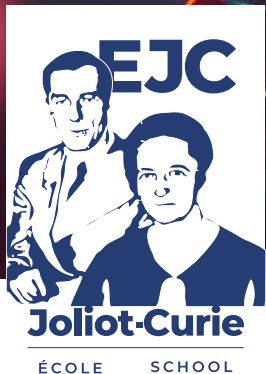
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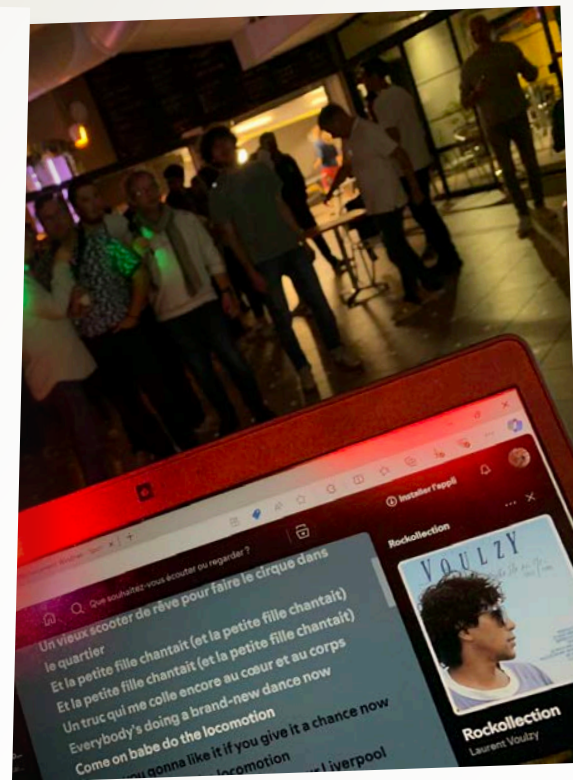
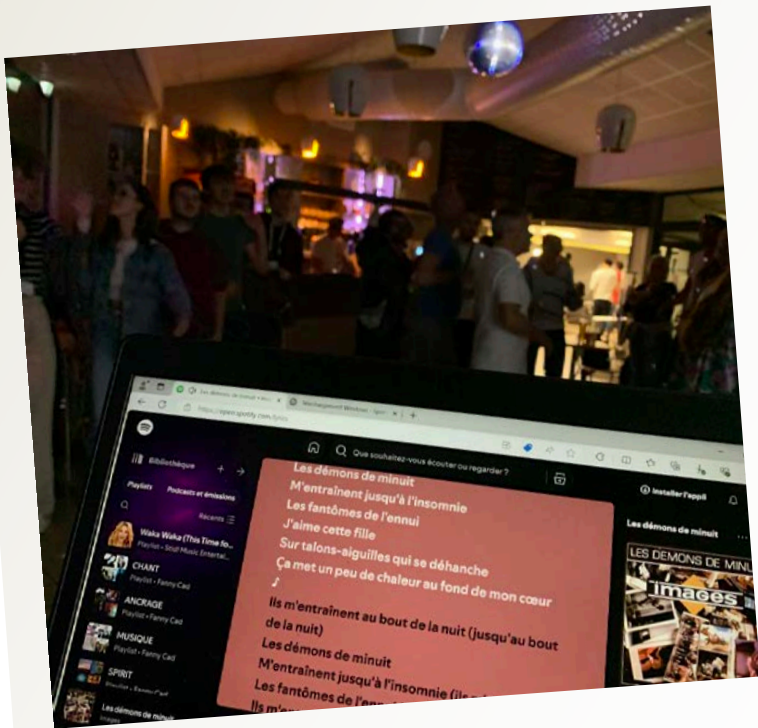
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