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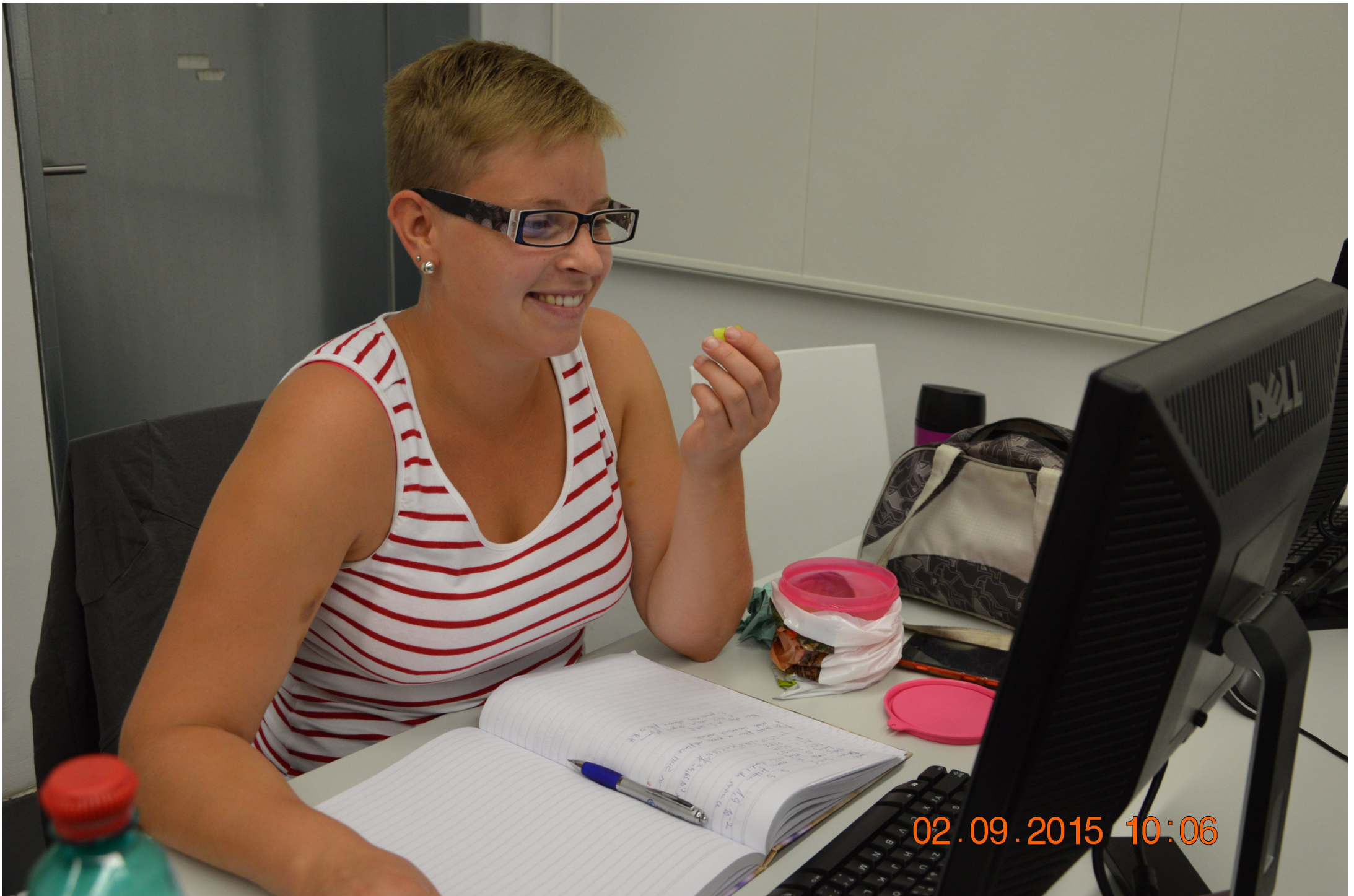
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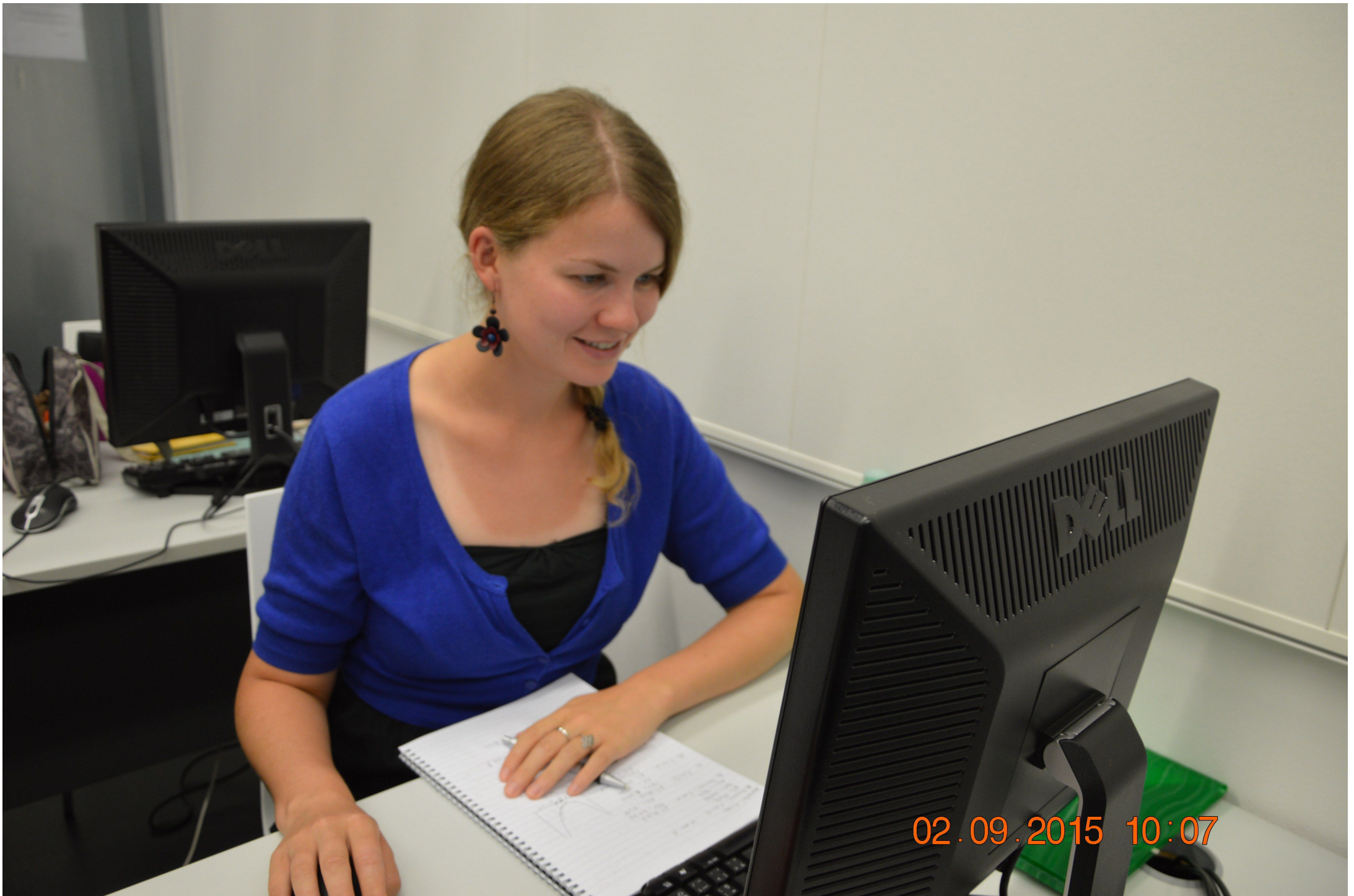
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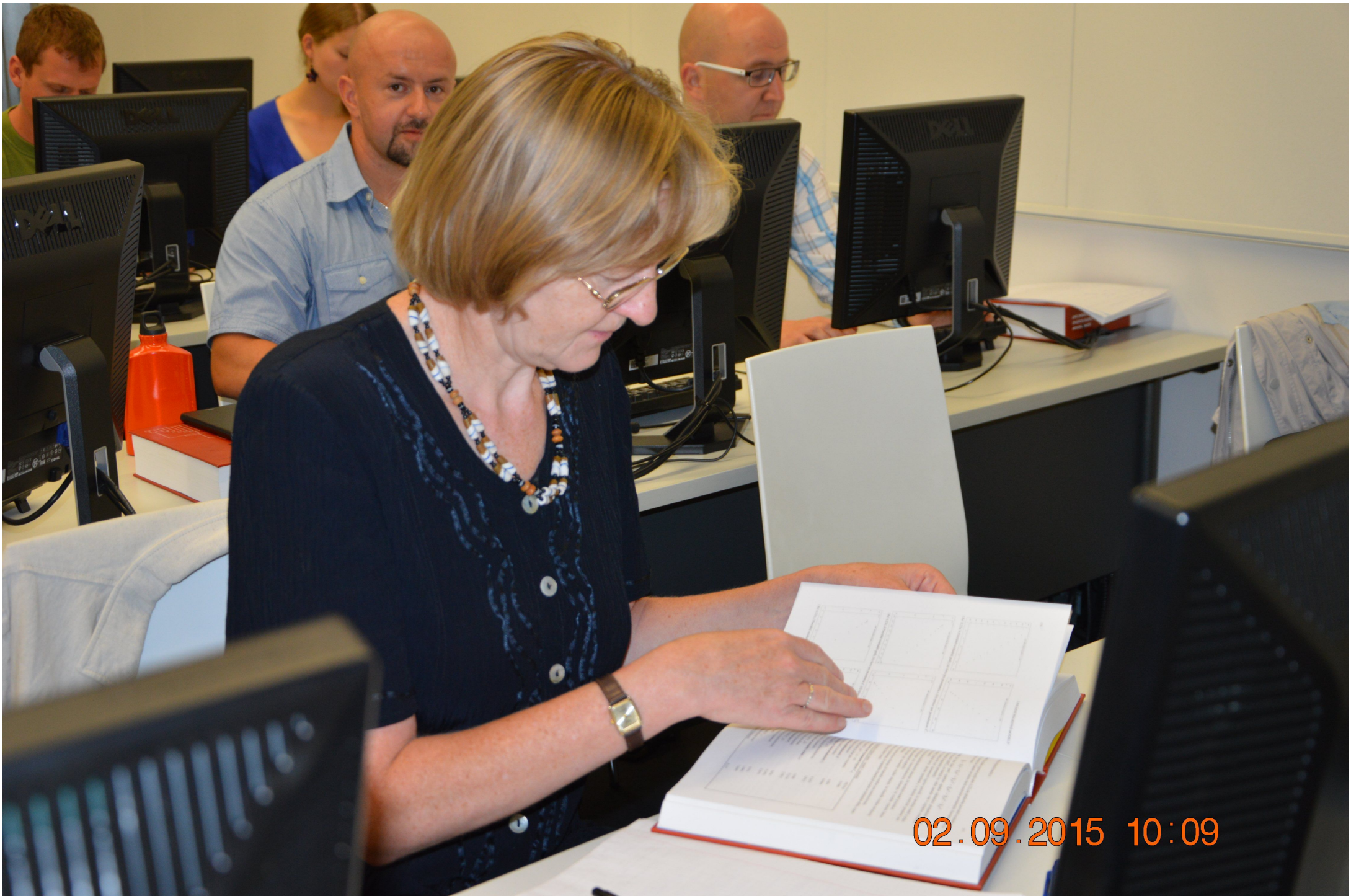


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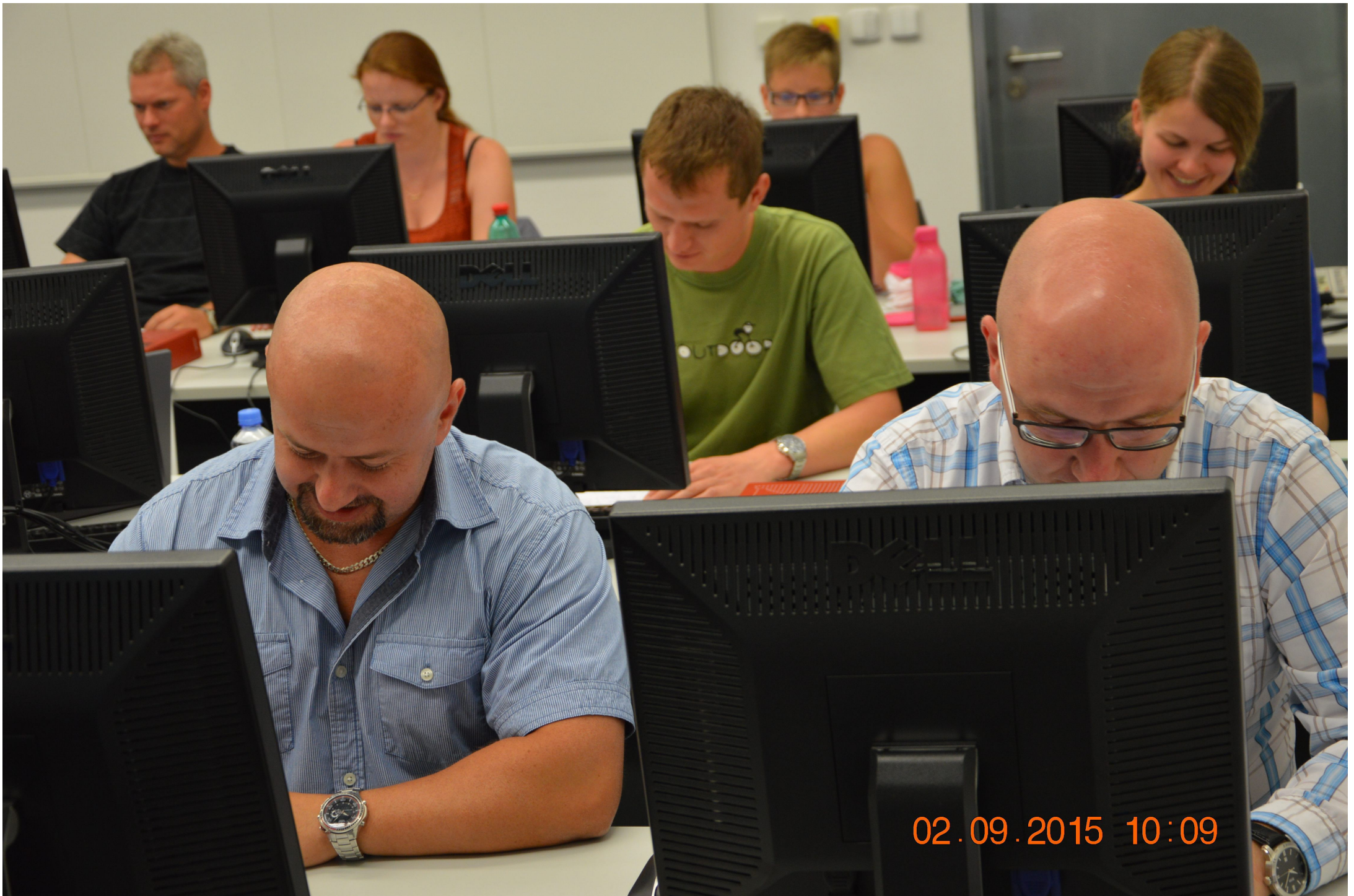




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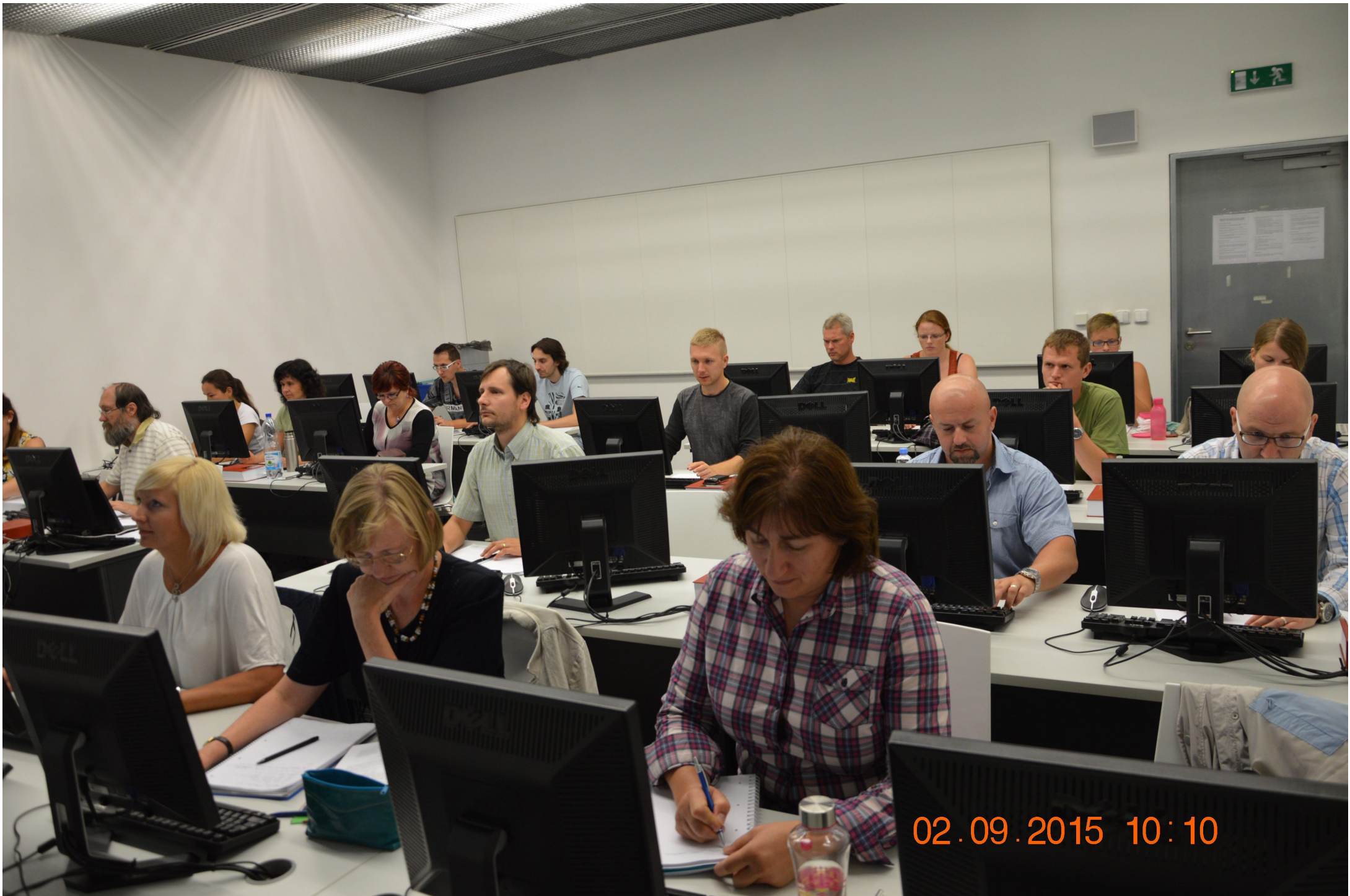


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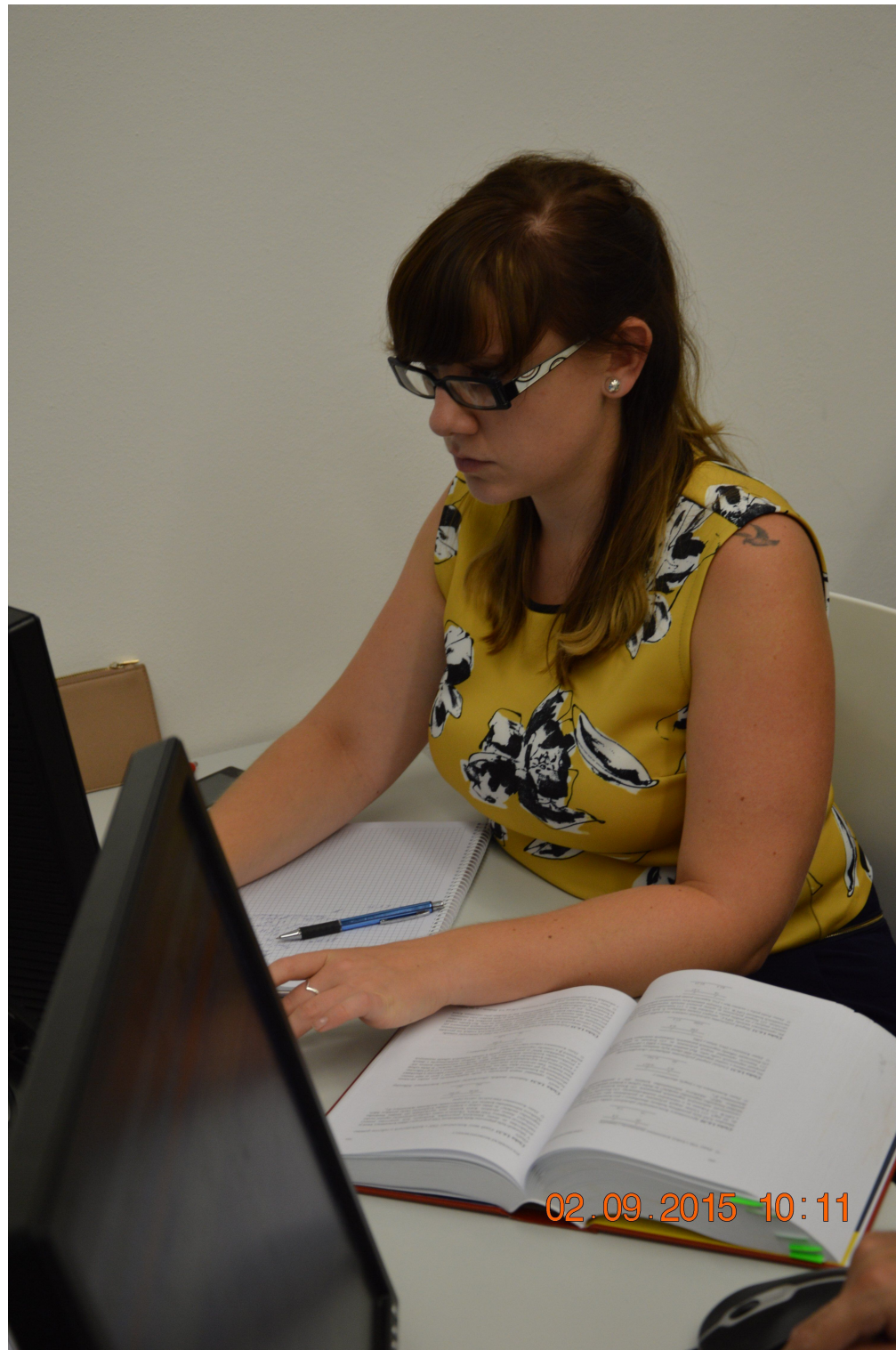


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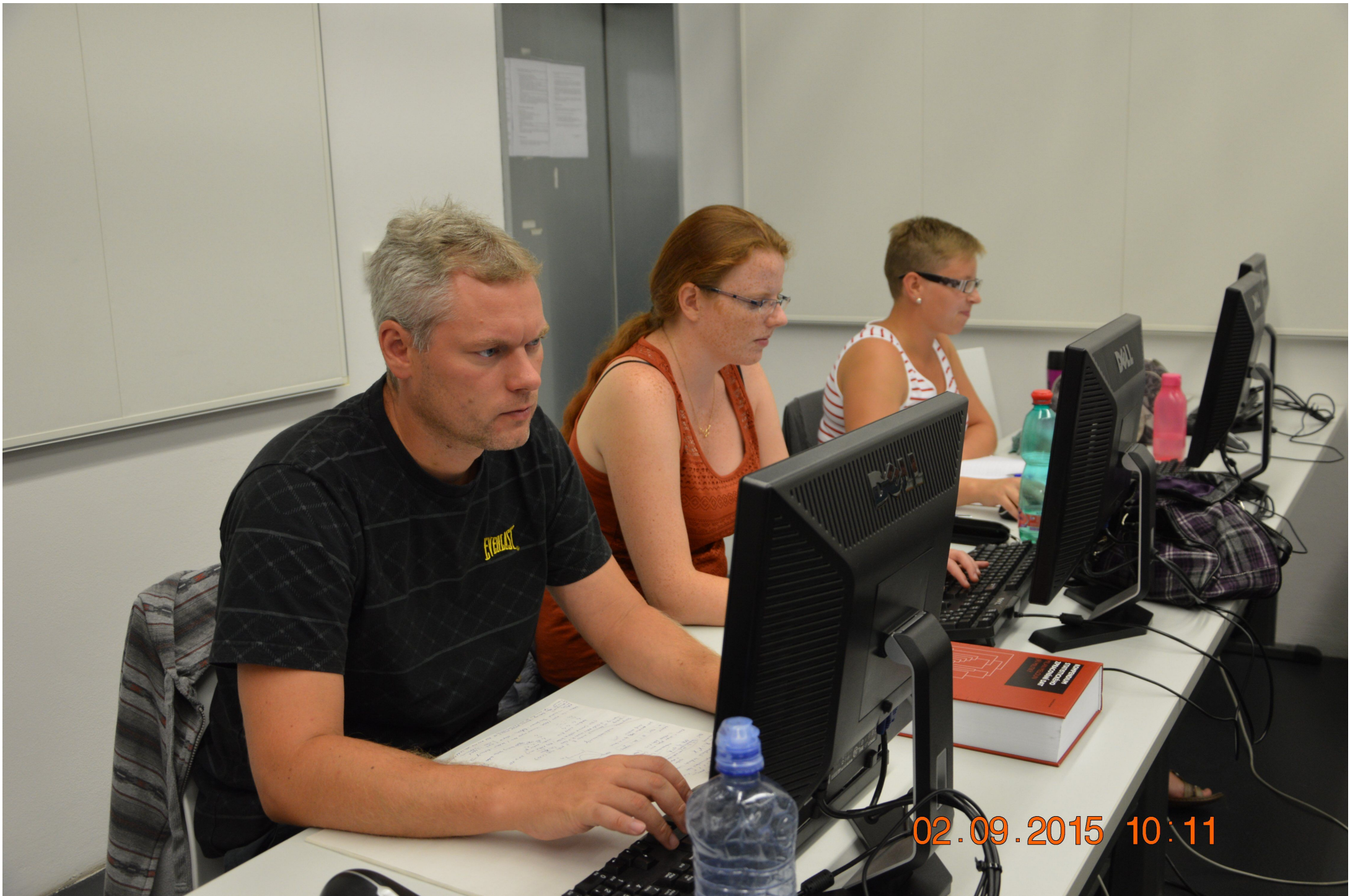


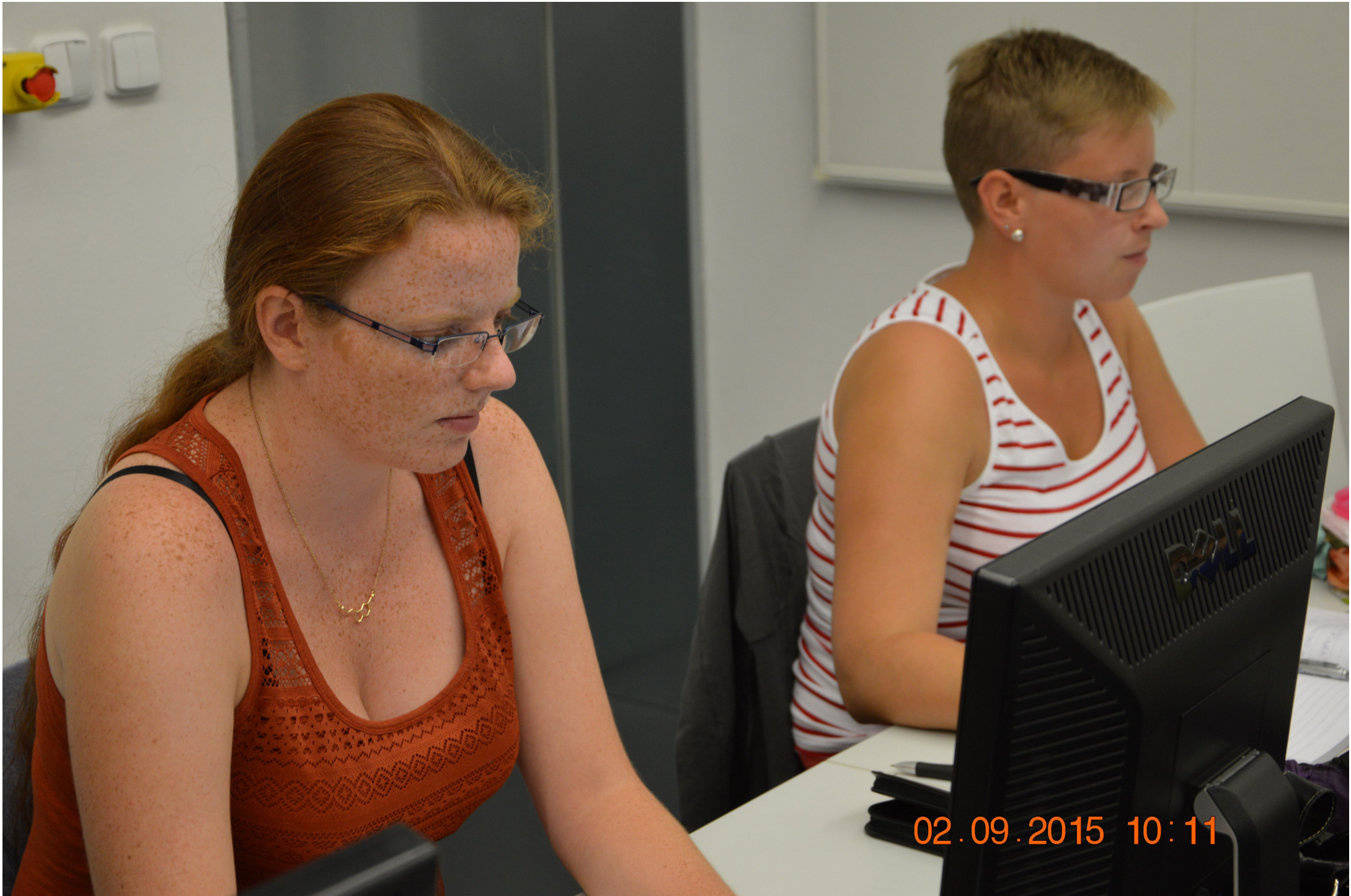
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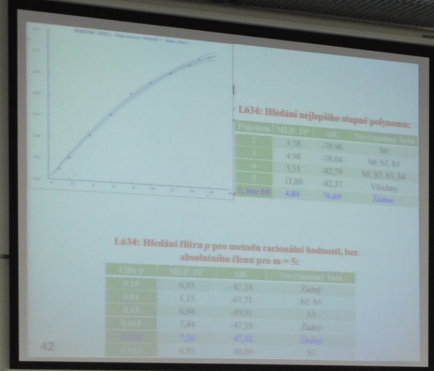


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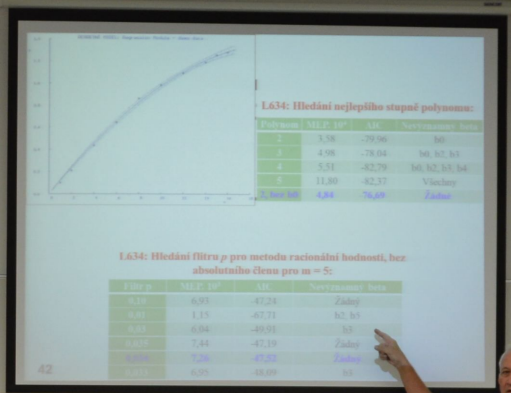




L634: Hodini filtra p preko metoda racionalnih bodnosti, bez absolutne celine pro m = 5.

Polinom	10 ⁰	10 ¹	10 ²	10 ³	10 ⁴	10 ⁵	10 ⁶	10 ⁷	10 ⁸	10 ⁹	10 ¹⁰
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00	2.20
3	0.30	0.90	2.70	8.10	24.30	72.90	218.70	656.10	1968.30	5904.90	17714.70
4	0.40	1.60	6.40	25.60	102.40	409.60	1638.40	6553.60	26214.40	104857.60	419430.40
5	0.50	2.50	12.50	62.50	312.50	1562.50	7812.50	39062.50	195312.50	976562.50	4882812.50
6	0.60	3.60	21.60	129.60	806.40	5080.00	32512.00	207328.00	1327104.00	8529664.00	54437760.00
7	0.70	4.90	34.30	240.10	1680.70	11764.90	82354.30	578130.10	4035360.70	28247524.90	201794399.30
8	0.80	6.40	51.20	409.60	3276.80	26214.40	209715.20	1677721.60	13421772.80	107374182.40	859009472.00
9	0.90	8.10	72.90	590.49	5314.41	47829.69	430467.21	3894185.01	35081370.17	315732331.53	2841455681.77
10	1.00	10.00	100.00	1000.00	10000.00	100000.00	1000000.00	10000000.00	100000000.00	1000000000.00	10000000000.00

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Handwritten notes on a whiteboard behind the lecturer. The notes include mathematical expressions and diagrams. At the top, there is a diagram with a curve and points labeled MSE , R^2 , and AIC . Below it, there are equations: $MSE = \frac{1}{n} \sum_{i=1}^n (y_i - \hat{y}_i)^2$, $R^2 = 1 - \frac{MSE}{MSE_0}$, and $AIC = n \ln(MSE) + 2k$. There are also some other notes like $m=2$, $2 \cdot 10^{30}$, and $K = \frac{1}{\lambda} = 1000$.

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L634: Hledání nejlepšího stupně polynomu:

Stupně	MSE (10 ⁴)	AIC	Napřevzatý test	
0	3,38	-79,96	b0	
1	4,98	-78,04	b0, b1, b3	
2	5,51	-82,79	b0, b2, b3, b4	
3	11,80	-82,37	Všechny	
4	5,363,100	4,84	76,69	Základ

L634: Hledání filtru p pro metodu racionální hodnosti, bez absolutního členu pro m = 5:

Stupně	MSE (10 ⁴)	AIC	Napřevzatý test
0,15	6,95	-47,24	Základ
0,45	1,15	-67,71	b2, b5
0,75	0,04	-69,91	b3
1,05	7,44	-47,19	Základ
1,35	7,36	-47,50	Základ
1,65	6,95	-48,09	b3



$R = X^T X$



PRVNÍ VIDEO: Podívejte se, jak šel RD 230 řadí na okružní



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