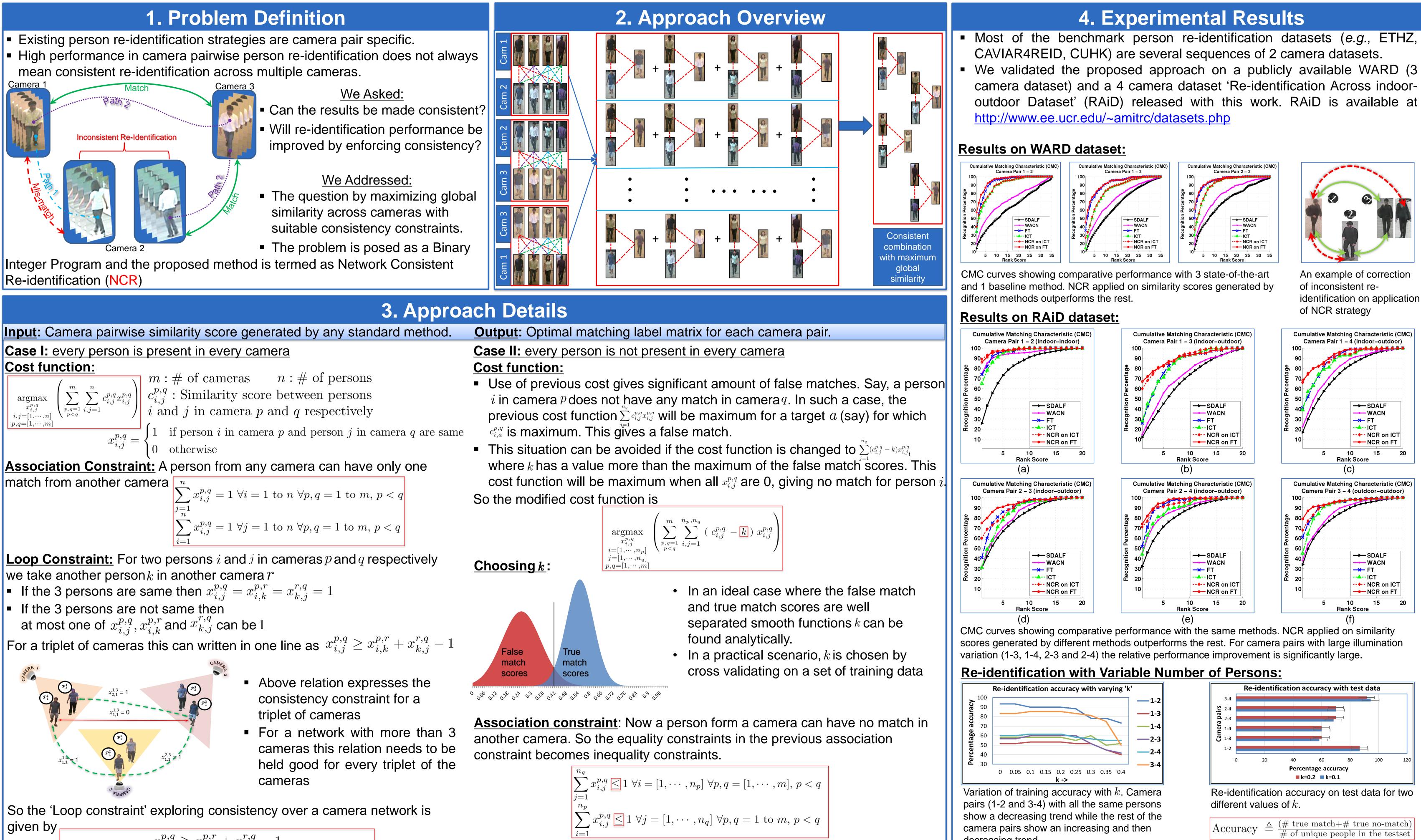


Consistent Re-identification in a Camera Network Abir Das*, Anirban Chakraborty* and Amit K. Roy-Chowdhury

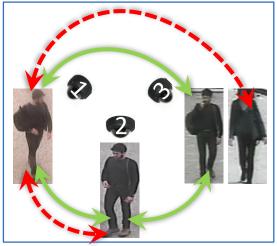


 $x_{i,i}^{p,q} \ge x_{i,k}^{p,r} + x_{k,j}^{r,q} - 1$ $\forall i, j = [1, \dots n], \forall p, q, r = [1, \dots m], \text{ and } p < r < q$

Loop Constraint: The loop constraints remain same

$$\sum_{j=1}^{n_q} x_{i,j}^{p,q} \leq 1 \quad \forall i = [1, \cdots, n_p] \quad \forall p, q = [1, \cdots, m], p < q$$
$$\sum_{i=1}^{n_p} x_{i,j}^{p,q} \leq 1 \quad \forall j = [1, \cdots, n_q] \quad \forall p, q = 1 \text{ to } m, p < q$$





identification on application

decreasing trend.

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